Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016344.D
Acq On : 25 Jul 2023 11:52
Operator : MA/JU
Sample : SSTD01003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010605

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 23:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 16:07:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	408159	20.000	ng/ul	0.00
20) Naphthalene-d8	10.936	136	1781874	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.742	164	1108893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.507	188	2386224	20.000	ng/ul	0.00
79) Chrysene-d12	21.601	240	2171443	20.000	ng/ul	0.00
88) Perylene-d12	24.206	264	2424729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	38059	3.677	ng/uL	0.00
4) Pyridine-d5	3.854	84	271869	9.257	ng/ul	0.00
7) Phenol-d5	7.225	99	313074	9.166	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.431	67	197564	9.634	ng/ul	0.00
11) 2-Chlorophenol-d4	7.613	132	246474	9.250	ng/ul	0.00
15) 4-Methylphenol-d8	8.795	113	250431	9.117	ng/ul	0.00
21) Nitrobenzene-d5	9.295	128	91450	8.335	ng/ul	0.00
24) 2-Nitrophenol-d4	10.013	143	63532	7.021	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.536	165	226269	9.021	ng/ul	0.00
31) 4-Chloroaniline-d4	11.084	131	379642	9.729	ng/ul	0.00
46) Dimethylphthalate-d6	14.154	166	776316	9.566	ng/ul	0.00
49) Acenaphthylene-d8	14.442	160	915961	9.553	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	99855	7.343	ng/ul	0.00
60) Fluorene-d10	15.736	176	661394	9.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.848	200	36576	4.654	ng/ul	0.00
73) Anthracene-d10	17.607	188	1021424	9.663	ng/ul	0.00
81) Pyrene-d10	19.830	212	1152458	9.347	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.030	264	1084479	9.270	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	40929	3.729	ng/uL	97
5) Pyridine	3.878	79	279268	9.346	ng/ul	98
6) Benzaldehyde	7.248	77	221490	11.886	ng/ul	97
8) Phenol	7.254	94	334845	9.427	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.531	93	282549	9.710	ng/ul	98
12) 2-Chlorophenol	7.648	128	255754	9.335	ng/ul	99
13) 2-Methylphenol	8.525	108	254172	9.332	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.619	45	349023m	9.909	ng/ul	
16) Acetophenone	8.942	105	438255	10.110	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.913	70	219134	9.708	ng/ul	97
18) 4-Methylphenol	8.860	108	268857	9.239	ng/ul	95
19) Hexachloroethane	9.178	117	108983	9.508	ng/ul	96
22) Nitrobenzene	9.337	77	261867	8.915	ng/ul	96
23) Isophorone	9.848	82	632010	9.552	ng/ul	100
25) 2-Nitrophenol	10.042	139	85334	7.557	ng/ul	98
26) 2,4-Dimethylphenol	10.078	107	303625	9.510	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.342	93	382939	9.600	ng/ul	99
29) 2,4-Dichlorophenol	10.560	162	236301	9.319	ng/ul	98
30) Naphthalene	10.984	128	886190	9.602	ng/ul	99
32) 4-Chloroaniline	11.107	127	376923	9.853	ng/ul	99
33) Hexachlorobutadiene	11.225	225	160916	9.656	ng/ul	99
34) Caprolactam	11.889	113	81921	8.754	ng/ul	94
35) 4-Chloro-3-methylphenol	12.189	107	260744	9.290	ng/ul	100
36) 2-Methylnaphthalene	12.583	142	608348	9.672	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016344.D
Acq On : 25 Jul 2023 11:52
Operator : MA/JU
Sample : SSTD01003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010605

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 23:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 16:07:21 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.801	142	611614	9.726	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.925	216	306776	9.364	ng/ul	98
40)	Hexachlorocyclopentadiene	12.883	237	285280	12.198	ng/ul	99
41)	2,4,6-Trichlorophenol	13.172	196	172490	8.936	ng/ul	99
42)	2,4,5-Trichlorophenol	13.236	196	188299	9.115	ng/ul	99
43)	1,1'-Biphenyl	13.583	154	806469	9.632	ng/ul	99
44)	2-Chloronaphthalene	13.630	162	623995	9.526	ng/ul	99
45)	2-Nitroaniline	13.848	65	104799	7.647	ng/ul	99
47)	Dimethylphthalate	14.201	163	783716	9.576	ng/ul	99
48)	2,6-Dinitrotoluene	14.336	165	88862	7.535	ng/ul	96
50)	Acenaphthylene	14.472	152	1054050	9.650	ng/ul	99
51)	3-Nitroaniline	14.666	138	102706	7.444	ng/ul#	90
52)	Acenaphthene	14.807	153	674607	9.578	ng/ul	99
53)	2,4-Dinitrophenol	14.866	184	43406	8.605	ng/ul	93
55)	4-Nitrophenol	14.936	109	92029	8.396	ng/ul	98
56)	Dibenzofuran	15.142	168	934651	9.693	ng/ul	99
57)	2,4-Dinitrotoluene	15.113	165	131481	7.819	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.348	232	144919	8.794	ng/ul	94
59)	Diethylphthalate	15.560	149	795893	9.655	ng/ul	98
61)	Fluorene	15.795	166	776100	9.910	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.789	204	372519	9.757	ng/ul	98
63)	4-Nitroaniline	15.830	138	108901	8.607	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.860	198	45436	4.836	ng/ul#	92
67)	N-Nitrosodiphenylamine	16.007	169	648348	9.690	ng/ul	100
68)	4-Bromophenyl-phenylether	16.689	248	216791	9.580	ng/ul	99
69)	Hexachlorobenzene	16.766	284	256529	9.453	ng/ul	99
70)	Atrazine	16.954	200	228144	9.346	ng/ul	99
71)	Pentachlorophenol	17.124	266	111412	7.286	ng/ul	96
72)	Phenanthrene	17.548	178	1206464	9.716	ng/ul	100
74)	Anthracene	17.642	178	1230907	9.732	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.536	216	324663	9.426	ng/uL	99
76)	Pentachlorobenzene	15.036	250	286939	9.427	ng/uL	99
77)	Carbazole	17.913	167	1099129	10.096	ng/ul	99
78)	Di-n-butylphthalate	18.442	149	1333240	9.616	ng/ul	100
80)	Fluoranthene	19.507	202	1385062	9.371	ng/ul	99
82)	Pyrene	19.860	202	1454127	9.523	ng/ul	100
83)	Butylbenzylphthalate	20.730	149	504676	8.730	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.518	252	414211	8.679	ng/ul	99
85)	Benzo(a)anthracene	21.583	228	1402819	9.538	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.483	149	801488	9.089	ng/ul	100
87)	Chrysene	21.642	228	1309696	9.616	ng/ul	99
89)	Di-n-octyl phthalate	22.489	149	1308283	8.584	ng/ul	100
90)	Benzo(b)fluoranthene	23.395	252	1330586	9.163	ng/ul	99
91)	Benzo(k)fluoranthene	23.448	252	1383535	9.574	ng/ul	99
93)	Benzo(a)pyrene	24.089	252	1294466	9.465	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.989	276	1472585	9.325	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.024	278	1223264	9.366	ng/ul	100
96)	Benzo(g,h,i)perylene	27.847	276	1172730	9.380	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016344.D
Acq On : 25 Jul 2023 11:52
Operator : MA/JU
Sample : SSTD01003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 25 23:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 16:07:21 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010605

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023