Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016011.D
Acq On : 05 Jul 2023 12:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020790

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 14:43:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	286905	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.863	136	1223341	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	710270	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.451	188	1369553	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	909479	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1021109	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	57856	7.255	ng/uL	0.00
4) Pyridine-d5	3.811	84	405006	20.148	ng/ul	0.00
7) Phenol-d5	7.228	99	515315	20.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	325765	21.450	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	389966	21.044	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	394108	20.323	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	190787	20.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	211625	19.394	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	380676	19.577	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	503320	20.150	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	1081319	19.697	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1250980	20.271	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	53899	7.440	ng/ul	0.04
60) Fluorene-d10	15.687	176	900670	19.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	110171	13.080	ng/ul	0.00
73) Anthracene-d10	17.557	188	1278486	20.437	ng/ul	0.00
81) Pyrene-d10	19.786	212	1178760	19.849	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1008889	19.587	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	63939	7.451	ng/uL	99
5) Pyridine	3.834	79	419458	19.947	ng/ul	94
6) Benzaldehyde	7.187	77	123404	12.434	ng/ul	97
8) Phenol	7.252	94	542568	21.299	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.458	93	437881	21.604	ng/ul	99
12) 2-Chlorophenol	7.605	128	411957	20.925	ng/ul	98
13) 2-Methylphenol	8.511	108	413051	21.476	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	650885	23.512	ng/ul	98
16) Acetophenone	8.881	105	662123	20.770	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.858	70	355020	20.052	ng/ul	98
18) 4-Methylphenol	8.852	108	438543	21.221	ng/ul	99
19) Hexachloroethane	9.111	117	170434	18.744	ng/ul	91
22) Nitrobenzene	9.269	77	534838	20.371	ng/ul	96
23) Isophorone	9.793	82	995128	19.807	ng/ul	99
25) 2-Nitrophenol	9.987	139	229841	19.847	ng/ul	93
26) 2,4-Dimethylphenol	10.052	107	494932	19.442	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.269	93	599171	21.125	ng/ul	98
29) 2,4-Dichlorophenol	10.546	162	389990	20.174	ng/ul	97
30) Naphthalene	10.910	128	1344411	20.216	ng/ul	99
32) 4-Chloroaniline	11.058	127	535107	20.619	ng/ul	99
33) Hexachlorobutadiene	11.175	225	249050	17.060	ng/ul	99
34) Caprolactam	11.863	113	121095	20.479	ng/ul	91
35) 4-Chloro-3-methylphenol	12.193	107	442409	19.551	ng/ul	98
36) 2-Methylnaphthalene	12.522	142	868857	19.846	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.740	142	871965	19.524	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.893	216	460142	19.659	ng/ul	98
40)	Hexachlorocyclopentadiene	12.846	237	16524	2.360	ng/ul	93
41)	2,4,6-Trichlorophenol	13.152	196	297126	20.087	ng/ul	99
42)	2,4,5-Trichlorophenol	13.246	196	316692	20.185	ng/ul	95
43)	1,1'-Biphenyl	13.522	154	1153857	20.510	ng/ul	97
44)	2-Chloronaphthalene	13.575	162	903451	20.385	ng/ul	98
45)	2-Nitroaniline	13.810	65	297370	21.325	ng/ul	92
47)	Dimethylphthalate	14.146	163	1116705	19.655	ng/ul	99
48)	2,6-Dinitrotoluene	14.299	165	231125	20.055	ng/ul	97
50)	Acenaphthylene	14.416	152	1406600	20.686	ng/ul	99
51)	3-Nitroaniline	14.646	138	194633	21.536	ng/ul	95
52)	Acenaphthene	14.751	153	963736	20.438	ng/ul	99
53)	2,4-Dinitrophenol	14.899	184	53433	8.739	ng/ul	89
55)	4-Nitrophenol	15.010	109	114062m	15.193	ng/ul	
56)	Dibenzofuran	15.093	168	1329515	20.311	ng/ul	98
57)	2,4-Dinitrotoluene	15.110	165	314122	20.001	ng/ul#	83
58)	2,3,4,6-Tetrachlorophenol	15.340	232	250952	18.621	ng/ul	99
59)	Diethylphthalate	15.498	149	1149455	19.992	ng/ul	99
61)	Fluorene	15.746	166	1059974	19.964	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.728	204	524600	19.310	ng/ul	96
63)	4-Nitroaniline	15.828	138	68892m	11.138	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.881	198	112718	13.227	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.951	169	890351	21.716	ng/ul	99
68)	4-Bromophenyl-phenylether	16.628	248	314319	20.098	ng/ul	93
69)	Hexachlorobenzene	16.757	284	359302	19.471	ng/ul	97
70)	Atrazine	16.910	200	313512	19.976	ng/ul	98
71)	Pentachlorophenol	17.128	266	144748	16.343	ng/ul	96
72)	Phenanthrene	17.498	178	1528822	20.548	ng/ul	98
74)	Anthracene	17.592	178	1556047	20.814	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.499	216	465973	20.909	ng/uL	98
76)	Pentachlorobenzene	15.016	250	454763	20.219	ng/uL	99
77)	Carbazole	17.881	167	1324904	21.026	ng/ul	99
78)	Di-n-butylphthalate	18.381	149	1915257	22.927	ng/ul	99
80)	Fluoranthene	19.463	202	1503944	20.377	ng/ul#	94
82)	Pyrene	19.816	202	1501578	19.944	ng/ul#	90
83)	Butylbenzylphthalate	20.657	149	712277	23.190	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.463	252	400413	19.476	ng/ul	99
85)	Benzo(a)anthracene	21.533	228	1289880	20.161	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.404	149	1048389	24.836	ng/ul	98
87)	Chrysene	21.586	228	1234760	20.342	ng/ul	99
89)	Di-n-octyl phthalate	22.363	149	1637542	21.944	ng/ul	100
90)	Benzo(b)fluoranthene	23.310	252	1275421	19.439	ng/ul#	98
91)	Benzo(k)fluoranthene	23.357	252	1282400	19.345	ng/ul#	97
93)	Benzo(a)pyrene	23.980	252	1135697	19.810	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.798	276	1501131	19.288	ng/ul#	91
95)	Dibenzo(a,h)anthracene	26.804	278	1247653	19.517	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.639	276	1227989	19.180	ng/ul#	94

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

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