Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020823\
Data File : BP013804.D
Acq On : 08 Feb 2023 19:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020759

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023

Quant Time: Feb 08 23:58:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 00:37:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	194055	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	851044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	569965	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1441013	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1277851	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1100230	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	36927	7.887	ng/uL	0.00
4) Pyridine-d5	3.905	84	265893	19.156	ng/ul	0.00
7) Phenol-d5	7.269	99	334061	19.321	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	195413	19.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	254686	20.010	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	284739	20.148	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	127521	21.536	ng/ul	0.00
24) 2-Nitrophenol-d4	10.022	143	143342	20.966	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	285854	20.517	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	419398	21.236	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	943487	21.017	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	1026782	21.130	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	163841	20.486	ng/ul	0.00
60) Fluorene-d10	15.751	176	804390	21.037	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	149959	16.963	ng/ul	0.00
73) Anthracene-d10	17.610	188	1386140	21.037	ng/ul	0.00
81) Pyrene-d10	19.827	212	1613368	22.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1163002	21.096	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	38915	7.743	ng/uL	98
5) Pyridine	3.922	79	264637	19.292	ng/ul	99
6) Benzaldehyde	7.252	77	147864	18.964	ng/ul	98
8) Phenol	7.293	94	343182	19.336	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.534	93	274695	19.315	ng/ul	98
12) 2-Chlorophenol	7.681	128	264607	20.262	ng/ul	98
13) 2-Methylphenol	8.563	108	270691	19.981	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.652	45	333765	20.632	ng/ul	99
16) Acetophenone	8.952	105	466067	20.565	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.934	70	229143	20.360	ng/ul	98
18) 4-Methylphenol	8.893	108	305928	20.454	ng/ul	98
19) Hexachloroethane	9.216	117	110830	20.725	ng/ul	97
22) Nitrobenzene	9.340	77	333529	21.410	ng/ul	98
23) Isophorone	9.869	82	679997	20.689	ng/ul	99
25) 2-Nitrophenol	10.057	139	153569	20.724	ng/ul	99
26) 2,4-Dimethylphenol	10.104	107	333912	20.239	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.346	93	400024	20.154	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	277907	20.261	ng/ul	99
30) Naphthalene	10.998	128	941724	20.787	ng/ul	99
32) 4-Chloroaniline	11.110	127	427874	21.491	ng/ul	100
33) Hexachlorobutadiene	11.281	225	192362	19.909	ng/ul	97
34) Caprolactam	11.881	113	94689m	19.674	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	329994	20.839	ng/ul	100
36) 2-Methylnaphthalene	12.598	142	629339	19.758	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.816	142	643881	19.564	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.957	216	376625	20.969	ng/ul	100
40)	Hexachlorocyclopentadiene	12.940	237	219133	19.001	ng/ul	99
41)	2,4,6-Trichlorophenol	13.192	196	252831	21.451	ng/ul	99
42)	2,4,5-Trichlorophenol	13.263	196	271568	21.286	ng/ul	99
43)	1,1'-Biphenyl	13.592	154	890958	20.833	ng/ul	99
44)	2-Chloronaphthalene	13.640	162	705282	20.963	ng/ul	99
45)	2-Nitroaniline	13.839	65	183450	22.638	ng/ul	95
47)	Dimethylphthalate	14.204	163	937886	21.064	ng/ul	99
48)	2,6-Dinitrotoluene	14.328	165	174059	22.375	ng/ul	99
50)	Acenaphthylene	14.481	152	1100580	20.994	ng/ul	100
51)	3-Nitroaniline	14.657	138	157402	20.466	ng/ul	99
52)	Acenaphthene	14.822	153	760105	20.716	ng/ul	99
53)	2,4-Dinitrophenol	14.863	184	72521	13.073	ng/ul	96
55)	4-Nitrophenol	14.957	109	139494	19.878	ng/ul	97
56)	Dibenzofuran	15.157	168	1091318	20.745	ng/ul	100
57)	2,4-Dinitrotoluene	15.116	165	261292	22.530	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.381	232	265974	22.118	ng/ul	98
59)	Diethylphthalate	15.569	149	971037	21.718	ng/ul	100
61)	Fluorene	15.804	166	894213	20.836	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.792	204	472972	21.196	ng/ul	98
63)	4-Nitroaniline	15.822	138	152276	20.908	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.875	198	149029	17.195	ng/ul	99
67)	N-Nitrosodiphenylamine	16.010	169	786915	20.091	ng/ul	99
68)	4-Bromophenyl-phenylether	16.692	248	318550	20.933	ng/ul	99
69)	Hexachlorobenzene	16.810	284	378043	21.320	ng/ul	99
70)	Atrazine	16.957	200	334128	21.332	ng/ul	99
71)	Pentachlorophenol	17.157	266	223420	19.362	ng/ul	99
72)	Phenanthrene	17.557	178	1604615	21.043	ng/ul	100
74)	Anthracene	17.645	178	1617873	21.088	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.563	216	379507	19.729	ng/uL	98
76)	Pentachlorobenzene	15.075	250	393205	19.808	ng/uL	99
77)	Carbazole	17.910	167	1396168	20.659	ng/ul	99
78)	Di-n-butylphthalate	18.439	149	1669801	20.372	ng/ul	99
80)	Fluoranthene	19.504	202	1899202	22.893	ng/ul	100
82)	Pyrene	19.857	202	1960852	22.170	ng/ul	99
83)	Butylbenzylphthalate	20.710	149	684580	22.615	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.492	252	560061	19.473	ng/ul	99
85)	Benzo(a)anthracene	21.569	228	1838216	21.053	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.469	149	1025711	22.128	ng/ul	98
87)	Chrysene	21.627	228	1752935	21.279	ng/ul	97
89)	Di-n-octyl phthalate	22.445	149	1533260	20.252	ng/ul	100
90)	Benzo(b)fluoranthene	23.357	252	1578606	21.517	ng/ul	99
91)	Benzo(k)fluoranthene	23.415	252	1540483	21.165	ng/ul	99
93)	Benzo(a)pyrene	24.039	252	1308680	21.047	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.851	276	1524002	21.851	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.868	278	1269331	21.787	ng/ul	99
96)	Benzo(g,h,i)perylene	27.680	276	1243001	22.385	ng/ul	98

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

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