Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012906.D
Acq On : 01 Dec 2022 07:28
Operator : CG/JU
Sample : PB149319BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS319

Quant Time: Dec 01 07:55:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2022
Supervised By :mohammad ahmed 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	589870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2744475	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.646	164	1855145	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	3967048	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	3490276	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	2785284	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	78619	5.711	ng/uL	0.00
4) Pyridine-d5	3.817	84	1034944	25.123	ng/ul	0.00
7) Phenol-d5	7.158	99	1571687	32.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	939824	31.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	1212320	32.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1277969	32.723	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	604533	35.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	685374	38.426	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1343503	32.283	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1758936	30.865	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	4050499	31.721	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	4615625	30.979	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	740031	32.506	ng/ul	0.00
60) Fluorene-d10	15.634	176	3549071	31.736	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	674463	35.572	ng/ul	0.00
73) Anthracene-d10	17.498	188	5548254	31.772	ng/ul	0.00
81) Pyrene-d10	19.728	212	6248611	30.811	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	4550669	33.262	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	159023	10.757	ng/uL	97
5) Pyridine	3.834	79	1099094	27.267	ng/ul	98
6) Benzaldehyde	7.140	77	855715m	36.157	ng/ul	
8) Phenol	7.187	94	1619582	31.865	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	1283389	30.819	ng/ul	99
12) 2-Chlorophenol	7.569	128	1272302	31.668	ng/ul	100
13) 2-Methylphenol	8.446	108	1241329	31.425	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1829964	30.466	ng/ul	99
16) Acetophenone	8.834	105	1985289	32.073	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.822	70	995703	32.654	ng/ul	99
18) 4-Methylphenol	8.781	108	1385519	31.848	ng/ul	96
19) Hexachloroethane	9.099	117	487865	31.665	ng/ul	96
22) Nitrobenzene	9.216	77	1438565	32.653	ng/ul	99
23) Isophorone	9.746	82	2899162	29.850	ng/ul	100
25) 2-Nitrophenol	9.934	139	763066	35.642	ng/ul	96
26) 2,4-Dimethylphenol	9.987	107	1425532	29.965	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1811613	30.424	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1348768	31.285	ng/ul	99
30) Naphthalene	10.875	128	4256922	29.622	ng/ul	100
32) 4-Chloroaniline	10.981	127	1686301	28.812	ng/ul	99
33) Hexachlorobutadiene	11.157	225	867165	30.199	ng/ul	99
34) Caprolactam	11.763	113	423522m	31.992	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	1411145	32.324	ng/ul	97
36) 2-Methylnaphthalene	12.475	142	3011194	30.428	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.693	142	3028937	30.539	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.840	216	1754817	29.664	ng/ul	99
40)	Hexachlorocyclopentadiene	12.822	237	866487	30.398	ng/ul	99
41)	2,4,6-Trichlorophenol	13.075	196	1119181	30.236	ng/ul	99
42)	2,4,5-Trichlorophenol	13.146	196	1225707	30.804	ng/ul	99
43)	1,1'-Biphenyl	13.481	154	4035083	29.858	ng/ul	99
44)	2-Chloronaphthalene	13.522	162	3201923	29.616	ng/ul	100
45)	2-Nitroaniline	13.722	65	847911	40.085	ng/ul	98
47)	Dimethylphthalate	14.098	163	4121707	30.793	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	820431	39.165	ng/ul	98
50)	Acenaphthylene	14.369	152	4917357	30.183	ng/ul	100
51)	3-Nitroaniline	14.546	138	838370	34.557	ng/ul	99
52)	Acenaphthene	14.710	153	3425797	29.868	ng/ul	99
53)	2,4-Dinitrophenol	14.745	184	428511	31.834	ng/ul	98
55)	4-Nitrophenol	14.845	109	510014	30.835	ng/ul	98
56)	Dibenzofuran	15.040	168	4811346	30.433	ng/ul	100
57)	2,4-Dinitrotoluene	15.004	165	1190457	38.510	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.263	232	1024945	29.885	ng/ul	100
59)	Diethylphthalate	15.463	149	4074890	31.450	ng/ul	99
61)	Fluorene	15.693	166	3921297	30.929	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.687	204	2074132	31.531	ng/ul	98
63)	4-Nitroaniline	15.710	138	819240	39.620	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.763	198	700466	34.417	ng/ul	97
67)	N-Nitrosodiphenylamine	15.898	169	3434791	30.465	ng/ul	99
68)	4-Bromophenyl-phenylether	16.581	248	1310278	33.559	ng/ul	98
69)	Hexachlorobenzene	16.698	284	1554759	31.243	ng/ul	97
70)	Atrazine	16.851	200	525657	13.589	ng/ul	100
71)	Pentachlorophenol	17.045	266	797552	26.098	ng/ul	99
72)	Phenanthrene	17.445	178	6408653	30.311	ng/ul	99
74)	Anthracene	17.534	178	6432646	30.753	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.446	216	1743393	28.427	ng/uL	99
76)	Pentachlorobenzene	14.963	250	1731422	27.158	ng/uL	99
77)	Carbazole	17.798	167	5709655	32.267	ng/ul	100
78)	Di-n-butylphthalate	18.345	149	6934275	33.103	ng/ul	99
80)	Fluoranthene	19.404	202	7448061	29.525	ng/ul	97
82)	Pyrene	19.757	202	7633635	29.258	ng/ul	97
83)	Butylbenzylphthalate	20.622	149	2840303	46.521	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.398	252	2166144	33.796	ng/ul	100
85)	Benzo(a)anthracene	21.469	228	6981701	28.921	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.380	149	3994856	42.785	ng/ul	100
87)	Chrysene	21.527	228	6517050	27.921	ng/ul	100
89)	Di-n-octyl phthalate	22.345	149	6271602	39.430	ng/ul	100
90)	Benzo(b)fluoranthene	23.227	252	6030276	29.237	ng/ul	100
91)	Benzo(k)fluoranthene	23.274	252	6042382	29.349	ng/ul	99
93)	Benzo(a)pyrene	23.886	252	5074061	29.917	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.627	276	5440156	33.247	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.645	278	4818682	32.454	ng/ul	99
96)	Benzo(g,h,i)perylene	27.433	276	4590924	32.619	ng/ul	99

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

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