Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
Data File : BP015062.D
Acq On : 11 May 2023 12:47
Operator : CG/JU
Sample : SSTD02073
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 11 22:42:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 11 15:04:16 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020613

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	320699	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	1461252	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.787	164	931217	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	2037838	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	1830070	20.000	ng/ul	0.00
88) Perylene-d12	24.198	264	2159086	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	69807	8.457	ng/uL	0.00
4) Pyridine-d5	3.881	84	500861	21.408	ng/ul	0.00
7) Phenol-d5	7.293	99	629480	21.140	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	377121	21.929	ng/ul	0.00
11) 2-Chlorophenol-d4	7.669	132	474072	21.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.857	113	515021	21.706	ng/ul	0.00
21) Nitrobenzene-d5	9.316	128	250278	21.797	ng/ul	0.00
24) 2-Nitrophenol-d4	10.046	143	279188	21.852	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	504941	21.902	ng/ul	0.00
31) 4-Chloroaniline-d4	11.110	131	767568	22.502	ng/ul	0.00
46) Dimethylphthalate-d6	14.187	166	1551576	22.049	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1797956	22.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	295524	21.628	ng/ul	0.00
60) Fluorene-d10	15.775	176	1308430	22.036	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	274805	21.398	ng/ul	0.00
73) Anthracene-d10	17.639	188	2062939	22.108	ng/ul	0.00
81) Pyrene-d10	19.857	212	2321688	21.874	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	2271038	21.189	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	75825	8.549	ng/uL	100
5) Pyridine	3.899	79	521624	21.437	ng/ul	100
6) Benzaldehyde	7.269	77	165146	20.178	ng/ul	100
8) Phenol	7.322	94	652646	21.375	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.552	93	532971	21.818	ng/ul	100
12) 2-Chlorophenol	7.699	128	502852	21.715	ng/ul	100
13) 2-Methylphenol	8.587	108	511505	21.676	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.681	45	677731	22.144	ng/ul	100
16) Acetophenone	8.975	105	853038	23.036	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.957	70	436605	22.481	ng/ul	100
18) 4-Methylphenol	8.922	108	565074	21.756	ng/ul	100
19) Hexachloroethane	9.234	117	206047	21.792	ng/ul	100
22) Nitrobenzene	9.363	77	620524	21.881	ng/ul	100
23) Isophorone	9.893	82	1281547	21.985	ng/ul	100
25) 2-Nitrophenol	10.081	139	308783	22.040	ng/ul	100
26) 2,4-Dimethylphenol	10.134	107	613592	21.947	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.375	93	776161	21.884	ng/ul	100
29) 2,4-Dichlorophenol	10.616	162	509439	21.876	ng/ul	100
30) Naphthalene	11.028	128	1725364	21.718	ng/ul	100
32) 4-Chloroaniline	11.134	127	796924	22.731	ng/ul	100
33) Hexachlorobutadiene	11.304	225	301151	21.457	ng/ul	100
34) Caprolactam	11.910	113	193103m	21.996	ng/ul	
35) 4-Chloro-3-methylphenol	12.246	107	579450	22.037	ng/ul	100
36) 2-Methylnaphthalene	12.622	142	1171363	21.883	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	1186118	22.066	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	608573	21.851	ng/ul	100
40) Hexachlorocyclopentadiene	12.963	237	374026	20.728	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	423747	21.547	ng/ul	100
42) 2,4,5-Trichlorophenol	13.293	196	457706	21.465	ng/ul	100
43) 1,1'-Biphenyl	13.622	154	1593829	22.060	ng/ul	100
44) 2-Chloronaphthalene	13.663	162	1236622	21.917	ng/ul	100
45) 2-Nitroaniline	13.869	65	361230	22.375	ng/ul	100
47) Dimethylphthalate	14.234	163	1618000	22.078	ng/ul	100
48) 2,6-Dinitrotoluene	14.357	165	325493	22.419	ng/ul	100
50) Acenaphthylene	14.510	152	2000431	22.277	ng/ul	100
51) 3-Nitroaniline	14.687	138	261176	19.978	ng/ul	100
52) Acenaphthene	14.851	153	1354378	22.083	ng/ul	100
53) 2,4-Dinitrophenol	14.898	184	193554	20.078	ng/ul	100
55) 4-Nitrophenol	14.992	109	221704	22.060	ng/ul	100
56) Dibenzofuran	15.181	168	1886700	22.117	ng/ul	100
57) 2,4-Dinitrotoluene	15.145	165	471674	22.451	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.404	232	397236	22.074	ng/ul	100
59) Diethylphthalate	15.592	149	1620620	22.172	ng/ul	100
61) Fluorene	15.834	166	1528920	22.302	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	741256	22.130	ng/ul	100
63) 4-Nitroaniline	15.851	138	234888	20.806	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.910	198	288769	21.787	ng/ul	100
67) N-Nitrosodiphenylamine	16.034	169	1323896	22.094	ng/ul	100
68) 4-Bromophenyl-phenylether	16.716	248	452312	21.549	ng/ul	100
69) Hexachlorobenzene	16.839	284	536284	21.620	ng/ul	100
70) Atrazine	16.986	200	494501	22.327	ng/ul	100
71) Pentachlorophenol	17.186	266	329458	21.234	ng/ul	100
72) Phenanthrene	17.581	178	2436952	21.961	ng/ul	100
74) Anthracene	17.675	178	2495170	22.236	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	626494	21.683	ng/uL	100
76) Pentachlorobenzene	15.104	250	629659	21.704	ng/uL	100
77) Carbazole	17.939	167	2254668	22.914	ng/ul	100
78) Di-n-butylphthalate	18.469	149	2807568	22.157	ng/ul	100
80) Fluoranthene	19.533	202	2822914	21.821	ng/ul	100
82) Pyrene	19.886	202	2933992	21.962	ng/ul	100
83) Butylbenzylphthalate	20.739	149	1298664	21.927	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.522	252	887846	22.090	ng/ul	100
85) Benzo(a)anthracene	21.604	228	2741357	21.664	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	1878783	22.034	ng/ul	100
87) Chrysene	21.657	228	2625177	21.702	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	3230113	21.844	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	2894907	21.150	ng/ul	100
91) Benzo(k)fluoranthene	23.451	252	2811859	21.394	ng/ul	100
93) Benzo(a)pyrene	24.086	252	2572446	21.263	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.933	276	3352487	21.401	ng/ul	100
95) Dibenzo(a,h)anthracene	26.951	278	2763269	21.489	ng/ul	100
96) Benzo(g,h,i)perylene	27.780	276	2733689	21.400	ng/ul	100

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

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