Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018667.D
Acq On : 07 Dec 2023 10:33
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020714

Quant Time: Dec 07 11:02:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	216052	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	795810	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	473989	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.228	188	1072037	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1085590	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1430326	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	49660	7.833	ng/uL	-0.01
4) Pyridine-d5	3.681	84	338914	19.957	ng/ul	0.00
7) Phenol-d5	7.016	99	332905	15.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	200232	15.582	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	250837	14.827	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	289850	16.519	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	136574	19.282	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	142768	19.442	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	283267	18.865	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	381365	19.434	ng/ul	-0.01
46) Dimethylphthalate-d6	13.893	166	718546	16.985	ng/ul	-0.01
49) Acenaphthylene-d8	14.169	160	877647	18.841	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	152213	21.920	ng/ul	-0.01
60) Fluorene-d10	15.469	176	680500	19.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	121474	18.898	ng/ul	0.00
73) Anthracene-d10	17.322	188	1092939	19.392	ng/ul	0.00
81) Pyrene-d10	19.563	212	1381761	16.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	1556683	18.666	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	55096	7.925	ng/uL	98
5) Pyridine	3.699	79	340491	19.854	ng/ul	98
6) Benzaldehyde	6.987	77	197488	17.642	ng/ul	97
8) Phenol	7.040	94	339383	15.962	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	277305	15.880	ng/ul	99
12) 2-Chlorophenol	7.411	128	269159	15.720	ng/ul	99
13) 2-Methylphenol	8.293	108	278305	17.097	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	368222	16.619	ng/ul	98
16) Acetophenone	8.669	105	442314	16.915	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.658	70	207618	14.432	ng/ul	98
18) 4-Methylphenol	8.622	108	295123	16.603	ng/ul	99
19) Hexachloroethane	8.922	117	125627	17.897	ng/ul	94
22) Nitrobenzene	9.052	77	329658	19.143	ng/ul	100
23) Isophorone	9.575	82	590226	16.810	ng/ul	99
25) 2-Nitrophenol	9.757	139	152275	19.367	ng/ul	99
26) 2,4-Dimethylphenol	9.822	107	279065	18.148	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.063	93	380968	17.186	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	273072	18.880	ng/ul	99
30) Naphthalene	10.693	128	909517	18.840	ng/ul	100
32) 4-Chloroaniline	10.804	127	364487	19.488	ng/ul	100
33) Hexachlorobutadiene	10.975	225	195921	20.226	ng/ul	99
34) Caprolactam	11.575	113	74699	16.843	ng/ul	96
35) 4-Chloro-3-methylphenol	11.928	107	274515	16.943	ng/ul	99
36) 2-Methylnaphthalene	12.304	142	604284	17.668	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	601654	17.419	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	351620	20.447	ng/ul	97
40) Hexachlorocyclopentadiene	12.651	237	189241	18.566	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	215131	19.446	ng/ul	100
42) 2,4,5-Trichlorophenol	12.981	196	231139	19.272	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	784218	19.130	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	634278	19.590	ng/ul	99
45) 2-Nitroaniline	13.563	65	153118	17.445	ng/ul	99
47) Dimethylphthalate	13.940	163	706429	16.964	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	130985	16.649	ng/ul	98
50) Acenaphthylene	14.198	152	1011296	19.309	ng/ul	100
51) 3-Nitroaniline	14.387	138	161127	20.516	ng/ul	99
52) Acenaphthene	14.540	153	662676	19.137	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	78325	18.784	ng/ul	93
55) 4-Nitrophenol	14.692	109	117554	22.407	ng/ul	95
56) Dibenzofuran	14.875	168	932649	19.378	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	216630	19.575	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	201497	20.029	ng/ul	94
59) Diethylphthalate	15.304	149	734958	18.036	ng/ul	99
61) Fluorene	15.522	166	754436	19.810	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	391814	19.617	ng/ul	95
63) 4-Nitroaniline	15.545	138	167873	22.437	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.604	198	130654	19.011	ng/ul	95
67) N-Nitrosodiphenylamine	15.734	169	639133	17.992	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	243864	18.019	ng/ul	97
69) Hexachlorobenzene	16.528	284	283291	18.748	ng/ul	99
70) Atrazine	16.692	200	210381	19.920	ng/ul	99
71) Pentachlorophenol	16.875	266	182469	20.304	ng/ul	98
72) Phenanthrene	17.269	178	1252911	19.351	ng/ul	99
74) Anthracene	17.357	178	1270667	19.579	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	347839	18.765	ng/uL	98
76) Pentachlorobenzene	14.792	250	333122	18.295	ng/uL	99
77) Carbazole	17.634	167	1173161	22.681	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1297827	18.843	ng/ul	100
80) Fluoranthene	19.233	202	1577304	15.791	ng/ul	99
82) Pyrene	19.586	202	1651787	16.392	ng/ul	99
83) Butylbenzylphthalate	20.469	149	626093	16.972	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	521794	19.779	ng/ul	98
85) Benzo(a)anthracene	21.298	228	1630956	18.509	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	820359	16.179	ng/ul#	99
87) Chrysene	21.351	228	1577986	19.447	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	1599636	15.318	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	1896099	17.979	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	1836909	18.002	ng/ul	99
93) Benzo(a)pyrene	23.580	252	1789502	18.571	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.151	276	2253287	19.571	ng/ul	98
95) Dibenzo(a,h)anthracene	26.168	278	1857920	19.399	ng/ul	98
96) Benzo(g,h,i)perylene	26.904	276	1792003	19.341	ng/ul	98

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

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