Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071122\
Data File : BP010954.D
Acq On : 11 Jul 2022 18:08
Operator : CG/JU
Sample : PB146131BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS131

Quant Time: Jul 12 01:05:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 23:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	470257	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	1865128	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.351	164	891479	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1509545	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1440401	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	1706101	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	85207	6.854	ng/uL	0.00
4) Pyridine-d5	3.605	84	1033388	31.228	ng/ul	0.00
7) Phenol-d5	6.875	99	1262669	33.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	818316	33.613	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	1046479	33.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	960973	32.656	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	465315	39.190	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	438589	44.649	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	810944	33.411	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	843916	21.300	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1891853	30.980	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	2534511	32.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	346886	36.368	ng/ul	0.00
60) Fluorene-d10	15.351	176	1642493	31.342	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	220486	44.086	ng/ul	0.00
73) Anthracene-d10	17.216	188	2255883	33.589	ng/ul	0.00
81) Pyrene-d10	19.469	212	2413140	30.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	2889021	34.267	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	173325	13.074	ng/uL#	88
5) Pyridine	3.622	79	1017981	30.368	ng/ul#	77
6) Benzaldehyde	6.846	77	802374	40.851	ng/ul	97
8) Phenol	6.905	94	1303678	32.744	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.134	93	1051884	32.895	ng/ul	90
12) 2-Chlorophenol	7.263	128	1049934	32.933	ng/ul	94
13) 2-Methylphenol	8.152	108	922266	31.115	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	1423366	33.176	ng/ul#	97
16) Acetophenone	8.528	105	1437567	31.809	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.522	70	689425	30.169	ng/ul	90
18) 4-Methylphenol	8.481	108	983143	31.850	ng/ul	100
19) Hexachloroethane	8.775	117	419179	32.467	ng/ul#	81
22) Nitrobenzene	8.904	77	1090389	36.800	ng/ul	91
23) Isophorone	9.434	82	1815514	29.218	ng/ul	98
25) 2-Nitrophenol	9.610	139	486266	40.878	ng/ul#	82
26) 2,4-Dimethylphenol	9.681	107	1012202	31.144	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.922	93	1225740	31.270	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	796848	31.595	ng/ul	100
30) Naphthalene	10.546	128	3073395	31.616	ng/ul	100
32) 4-Chloroaniline	10.663	127	1151822	29.343	ng/ul	99
33) Hexachlorobutadiene	10.828	225	478790	29.715	ng/ul	95
34) Caprolactam	11.451	113	210235	26.535	ng/ul	89
35) 4-Chloro-3-methylphenol	11.798	107	822119	30.076	ng/ul	94
36) 2-Methylnaphthalene	12.163	142	1856088	29.486	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	1844916	29.502	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	837907	32.708	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	517666	31.889	ng/ul	97
41) 2,4,6-Trichlorophenol	12.781	196	509806	34.517	ng/ul	98
42) 2,4,5-Trichlorophenol	12.851	196	552119	34.835	ng/ul	99
43) 1,1'-Biphenyl	13.187	154	2269577	32.339	ng/ul#	98
44) 2-Chloronaphthalene	13.222	162	1748098	33.066	ng/ul	98
45) 2-Nitroaniline	13.440	65	465208	41.474	ng/ul#	80
47) Dimethylphthalate	13.822	163	1869710	30.573	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	351649	38.377	ng/ul	98
50) Acenaphthylene	14.075	152	2665614	31.229	ng/ul	98
51) 3-Nitroaniline	14.269	138	409512	37.278	ng/ul	90
52) Acenaphthene	14.416	153	1796780	32.624	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	143860	40.895	ng/ul#	82
55) 4-Nitrophenol	14.587	109	267636	35.288	ng/ul#	78
56) Dibenzofuran	14.757	168	2357692	31.252	ng/ul	98
57) 2,4-Dinitrotoluene	14.728	165	492354	40.212	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.986	232	393442	34.664	ng/ul#	90
59) Diethylphthalate	15.198	149	1768790	29.092	ng/ul	99
61) Fluorene	15.410	166	1853007	30.804	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	849359	30.162	ng/ul	97
63) 4-Nitroaniline	15.439	138	430091	42.345	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.492	198	226226	41.860	ng/ul	97
67) N-Nitrosodiphenylamine	15.628	169	1521839	33.285	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	483215	31.941	ng/ul	95
69) Hexachlorobenzene	16.416	284	542075	30.935	ng/ul	96
70) Atrazine	16.592	200	431995	28.498	ng/ul	97
71) Pentachlorophenol	16.763	266	278255	30.839	ng/ul	99
72) Phenanthrene	17.163	178	2678264	33.317	ng/ul	99
74) Anthracene	17.251	178	2692961	33.308	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	844461	33.900	ng/uL	96
76) Pentachlorobenzene	14.669	250	718748	33.643	ng/uL	98
77) Carbazole	17.533	167	2478718	34.059	ng/ul	99
78) Di-n-butylphthalate	18.098	149	2525688	29.123	ng/ul	99
80) Fluoranthene	19.145	202	2838445	29.410	ng/ul#	89
82) Pyrene	19.498	202	2972380	30.496	ng/ul#	84
83) Butylbenzylphthalate	20.392	149	1092855	31.855	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.157	252	963499	32.394	ng/ul#	97
85) Benzo(a)anthracene	21.216	228	3022409	33.551	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.157	149	1592974	29.321	ng/ul#	96
87) Chrysene	21.269	228	2860369	33.135	ng/ul	99
89) Di-n-octyl phthalate	22.074	149	2843241	28.076	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	3399723	32.043	ng/ul#	96
91) Benzo(k)fluoranthene	22.921	252	3439399	34.105	ng/ul#	95
93) Benzo(a)pyrene	23.486	252	3154986	30.569	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.033	276	4451578	35.744	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.057	278	3693036	34.571	ng/ul#	93
96) Benzo(g,h,i)perylene	26.780	276	3664646	34.592	ng/ul#	87

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

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