Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015957.D
Acq On : 03 Jul 2023 18:52
Operator : MA/JU
Sample : PB153766BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS766

Quant Time: Jul 03 22:10:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	266136	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1185893	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	734240	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1617218	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.556	240	1190230	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1164380	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	39203	5.300	ng/uL	0.00
4) Pyridine-d5	3.810	84	570867	30.615	ng/ul	0.00
7) Phenol-d5	7.222	99	772517	33.926	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	489782	34.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	600669	34.945	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	609820	33.900	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	302501	33.378	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	336686	31.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	590601	31.333	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	813800	33.609	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1756902	30.958	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	2063084	32.339	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	226154	30.198	ng/ul	0.01
60) Fluorene-d10	15.692	176	1494331	31.979	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	270107	27.158	ng/ul	0.00
73) Anthracene-d10	17.563	188	2327331	31.505	ng/ul	0.00
81) Pyrene-d10	19.792	212	2573090	33.107	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1970230	33.544	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	83743	10.520	ng/uL	96
5) Pyridine	3.834	79	584475	29.963	ng/ul	95
6) Benzaldehyde	7.187	77	473720	51.456	ng/ul	96
8) Phenol	7.251	94	855818	36.217	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.463	93	662882	35.258	ng/ul	99
12) 2-Chlorophenol	7.610	128	629985	34.497	ng/ul	99
13) 2-Methylphenol	8.510	108	631097	35.373	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	979273	38.135	ng/ul	98
16) Acetophenone	8.886	105	1019554	34.478	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.863	70	553304	33.689	ng/ul	99
18) 4-Methylphenol	8.845	108	683783	35.671	ng/ul	99
19) Hexachloroethane	9.122	117	261186	30.967	ng/ul	93
22) Nitrobenzene	9.275	77	830785	32.643	ng/ul	96
23) Isophorone	9.798	82	1571435	32.265	ng/ul	99
25) 2-Nitrophenol	9.992	139	371030	33.051	ng/ul	94
26) 2,4-Dimethylphenol	10.051	107	626580	25.390	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.275	93	942943	34.296	ng/ul	98
29) 2,4-Dichlorophenol	10.539	162	616392	32.892	ng/ul	100
30) Naphthalene	10.922	128	2055168	31.879	ng/ul	99
32) 4-Chloroaniline	11.057	127	742194	29.502	ng/ul	99
33) Hexachlorobutadiene	11.186	225	371331	26.239	ng/ul	100
34) Caprolactam	11.869	113	223285	38.953	ng/ul	92
35) 4-Chloro-3-methylphenol	12.192	107	718406	32.751	ng/ul	97
36) 2-Methylnaphthalene	12.527	142	1372845	32.349	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	1367414	31.585	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	725819	29.998	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	75495	10.430	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	483613	31.627	ng/ul	98
42) 2,4,5-Trichlorophenol	13.239	196	549781	33.897	ng/ul	99
43) 1,1'-Biphenyl	13.527	154	1821805	31.326	ng/ul	97
44) 2-Chloronaphthalene	13.580	162	1442822	31.493	ng/ul	98
45) 2-Nitroaniline	13.810	65	525628	36.463	ng/ul	94
47) Dimethylphthalate	14.157	163	1827183	31.110	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	400769	33.640	ng/ul	96
50) Acenaphthylene	14.422	152	2281523	32.457	ng/ul	99
51) 3-Nitroaniline	14.645	138	417780	44.718	ng/ul	98
52) Acenaphthene	14.763	153	1554555	31.892	ng/ul	99
53) 2,4-Dinitrophenol	14.880	184	163318	25.839	ng/ul	86
55) 4-Nitrophenol	14.974	109	188143	24.243	ng/ul#	77
56) Dibenzofuran	15.098	168	2162516	31.958	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	564221	34.753	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.345	232	438833	31.500	ng/ul	98
59) Diethylphthalate	15.510	149	1876493	31.572	ng/ul	99
61) Fluorene	15.751	166	1780496	32.440	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	858712	30.576	ng/ul	97
63) 4-Nitroaniline	15.816	138	389706	60.947	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.874	198	276069	27.434	ng/ul	99
67) N-Nitrosodiphenylamine	15.957	169	1512686	31.245	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	545600	29.544	ng/ul	93
69) Hexachlorobenzene	16.763	284	632533	29.028	ng/ul	97
70) Atrazine	16.916	200	445298	24.028	ng/ul	99
71) Pentachlorophenol	17.127	266	303469	29.017	ng/ul	97
72) Phenanthrene	17.504	178	2837588	32.298	ng/ul	100
74) Anthracene	17.598	178	2841127	32.183	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	744351	28.286	ng/uL	98
76) Pentachlorobenzene	15.021	250	1656510	62.371	ng/uL	100
77) Carbazole	17.880	167	2662067	35.777	ng/ul	99
78) Di-n-butylphthalate	18.392	149	3439520	34.868	ng/ul	99
80) Fluoranthene	19.468	202	3241769	33.562	ng/ul#	94
82) Pyrene	19.821	202	3257185	33.058	ng/ul#	89
83) Butylbenzylphthalate	20.668	149	1580146	39.310	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.468	252	903619	33.584	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2750014	32.845	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.415	149	2262815	40.961	ng/ul	99
87) Chrysene	21.592	228	2592353	32.634	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3728082	43.811	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	2477500	33.114	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	2544349	33.659	ng/ul#	97
93) Benzo(a)pyrene	23.992	252	2197008	33.607	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	2829805	31.886	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.809	278	2347197	32.200	ng/ul#	95
96) Benzo(g,h,i)perylene	27.650	276	2306821	31.596	ng/ul#	94

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

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