Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120622\
Data File : BM037861.D
Acq On : 06 Dec 2022 19:21
Operator : CG/JU
Sample : PB149426BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS426

Quant Time: Dec 06 21:49:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	264895	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1048842	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.722	164	593218	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1163408	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	999765	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1121024	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	33130	5.868	ng/uL	0.00
4) Pyridine-d5	3.863	84	456583	25.003	ng/ul	0.00
7) Phenol-d5	7.246	99	633530	26.546	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	372375	26.744	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	527536	29.236	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	487853	25.705	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	260632	31.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	278555	32.310	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	501812	31.385	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	629485	25.668	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	1251750	30.729	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1573931	31.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	235140	27.810	ng/ul	0.00
60) Fluorene-d10	15.710	176	1138114	30.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	195549	31.908	ng/ul	0.00
73) Anthracene-d10	17.557	188	1669318	31.201	ng/ul	0.00
81) Pyrene-d10	19.839	212	1807365	34.900	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264	1784362	31.773	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	66305	10.958	ng/uL#	78
5) Pyridine	3.881	79	491375	27.444	ng/ul	99
6) Benzaldehyde	7.222	77	331094	28.806	ng/ul	99
8) Phenol	7.275	94	651005	26.692	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.510	93	527591	27.116	ng/ul	97
12) 2-Chlorophenol	7.651	128	570552	29.377	ng/ul	96
13) 2-Methylphenol	8.534	108	505910	26.010	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	916703	25.356	ng/ul	98
16) Acetophenone	8.922	105	780208	26.061	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.910	70	373070	24.740	ng/ul	99
18) 4-Methylphenol	8.869	108	541485	25.802	ng/ul	99
19) Hexachloroethane	9.181	117	225697	30.424	ng/ul	97
22) Nitrobenzene	9.310	77	558803	32.004	ng/ul	98
23) Isophorone	9.839	82	1054592	28.073	ng/ul	100
25) 2-Nitrophenol	10.022	139	303796	32.517	ng/ul	98
26) 2,4-Dimethylphenol	10.081	107	530242	29.525	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.316	93	675907	29.796	ng/ul	97
29) 2,4-Dichlorophenol	10.557	162	513709	31.764	ng/ul	99
30) Naphthalene	10.963	128	1767781	31.055	ng/ul	99
32) 4-Chloroaniline	11.075	127	594055	23.937	ng/ul	97
33) Hexachlorobutadiene	11.245	225	329403	32.882	ng/ul	96
34) Caprolactam	11.863	113	139744	23.796	ng/ul	82
35) 4-Chloro-3-methylphenol	12.186	107	478027	28.324	ng/ul	98
36) 2-Methylnaphthalene	12.563	142	1152480	29.265	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	1148901	29.148	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	598956	35.255	ng/ul	100
40) Hexachlorocyclopentadiene	12.904	237	311846	33.379	ng/ul	100
41) 2,4,6-Trichlorophenol	13.163	196	372056	33.545	ng/ul	98
42) 2,4,5-Trichlorophenol	13.233	196	401000	33.947	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	1463492	33.940	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	1149235	33.963	ng/ul	100
45) 2-Nitroaniline	13.810	65	302098	31.553	ng/ul	98
47) Dimethylphthalate	14.175	163	1330918	31.369	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	272729	31.483	ng/ul	98
50) Acenaphthylene	14.445	152	1778018	32.370	ng/ul	100
51) 3-Nitroaniline	14.627	138	289246	27.975	ng/ul	99
52) Acenaphthene	14.786	153	1219558	32.042	ng/ul	98
53) 2,4-Dinitrophenol	14.827	184	140457	27.762	ng/ul	93
55) 4-Nitrophenol	14.927	109	155288	29.796	ng/ul	96
56) Dibenzofuran	15.116	168	1645249	32.106	ng/ul	99
57) 2,4-Dinitrotoluene	15.080	165	374489	30.954	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	319435	30.744	ng/ul	97
59) Diethylphthalate	15.527	149	1304413	29.978	ng/ul	100
61) Fluorene	15.763	166	1356863	31.453	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	659179	32.051	ng/ul	99
63) 4-Nitroaniline	15.786	138	290561	27.933	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.839	198	202646	32.076	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1118722	33.368	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	393760	32.981	ng/ul	98
69) Hexachlorobenzene	16.763	284	465771	33.409	ng/ul	99
70) Atrazine	16.910	200	221346	19.171	ng/ul	99
71) Pentachlorophenol	17.104	266	271517	31.665	ng/ul	98
72) Phenanthrene	17.504	178	2031495	32.219	ng/ul	99
74) Anthracene	17.592	178	2043758	31.773	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.527	216	585857	37.348	ng/uL	99
76) Pentachlorobenzene	15.033	250	557278	32.654	ng/uL	99
77) Carbazole	17.863	167	1821723	30.775	ng/ul	99
78) Di-n-butylphthalate	18.410	149	2233583	30.012	ng/ul	100
80) Fluoranthene	19.504	202	2222189	35.130	ng/ul	98
82) Pyrene	19.868	202	2324528	35.591	ng/ul	98
83) Butylbenzylphthalate	20.745	149	946247	33.228	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.539	252	666534	31.824	ng/ul	97
85) Benzo(a)anthracene	21.609	228	2163505	33.823	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	1379047	32.049	ng/ul	99
87) Chrysene	21.662	228	2004609	33.667	ng/ul	100
89) Di-n-octyl phthalate	22.468	149	2353255	29.170	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	2279260	31.660	ng/ul	98
91) Benzo(k)fluoranthene	23.397	252	2153328	31.006	ng/ul	99
93) Benzo(a)pyrene	23.997	252	1990097	31.877	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.709	276	2472614	35.229	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	2210097	34.597	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	2151745	35.130	ng/ul	98

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

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