Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044357.D
Acq On : 27 Feb 2024 07:30
Operator : MA/JU
Sample : PB159090BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS090

Quant Time: Feb 27 08:00:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 00:07:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	227563	20.000	ng/ul	0.00
20) Naphthalene-d8	10.739	136	977592	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	561333	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	1158061	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1016292	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	1126767	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	39256	5.443	ng/uL	0.00
4) Pyridine-d5	3.775	84	530610	26.938	ng/ul	0.00
7) Phenol-d5	7.104	99	635814	29.166	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	391812	27.755	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	512200	31.196	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	482129	29.229	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	250249	31.483	ng/ul	0.01
24) 2-Nitrophenol-d4	9.828	143	266817	32.902	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	455652	31.852	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	659767	27.461	ng/ul	0.01
46) Dimethylphthalate-d6	14.004	166	1293216	29.872	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	1549560	31.109	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	271957	31.569	ng/ul	0.01
60) Fluorene-d10	15.574	176	1123157	30.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	207055	28.815	ng/ul	0.01
73) Anthracene-d10	17.427	188	1702758	30.837	ng/ul	0.00
81) Pyrene-d10	19.727	212	1962249	32.094	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1871560	32.415	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	85860	11.294	ng/uL	96
5) Pyridine	3.799	79	585966	28.435	ng/ul	96
6) Benzaldehyde	7.081	77	316206	33.416	ng/ul	97
8) Phenol	7.128	94	687054	30.320	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	558693	29.456	ng/ul	98
12) 2-Chlorophenol	7.498	128	543608	32.003	ng/ul	95
13) 2-Methylphenol	8.386	108	504325	30.209	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	729059	28.114	ng/ul	97
16) Acetophenone	8.769	105	790582	30.000	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	405847	30.743	ng/ul	98
18) 4-Methylphenol	8.716	108	542095	30.483	ng/ul	99
19) Hexachloroethane	9.010	117	224550	31.161	ng/ul	94
22) Nitrobenzene	9.151	77	590976	30.743	ng/ul	97
23) Isophorone	9.680	82	1156265	31.036	ng/ul	98
25) 2-Nitrophenol	9.857	139	299693	33.321	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	432663	25.193	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.169	93	730430	30.159	ng/ul	99
29) 2,4-Dichlorophenol	10.392	162	467929	32.321	ng/ul	98
30) Naphthalene	10.792	128	1692188	30.436	ng/ul	99
32) 4-Chloroaniline	10.916	127	546365	23.337	ng/ul	99
33) Hexachlorobutadiene	11.063	225	272284	31.217	ng/ul	99
34) Caprolactam	11.698	113	172083	34.385	ng/ul	91
35) 4-Chloro-3-methylphenol	12.039	107	513649	33.301	ng/ul	98
36) 2-Methylnaphthalene	12.404	142	1094706	30.912	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.621	142	1072829	30.645	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	513133	30.880	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	271650	24.298	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	337595	31.873	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	372448	32.528	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	1376422	30.119	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1109649	31.011	ng/ul	100
45) 2-Nitroaniline	13.674	65	332797	33.592	ng/ul	93
47) Dimethylphthalate	14.051	163	1374113	31.056	ng/ul	100
48) 2,6-Dinitrotoluene	14.174	165	284147	34.339	ng/ul	94
50) Acenaphthylene	14.304	152	1839078	31.172	ng/ul	100
51) 3-Nitroaniline	14.498	138	320208	36.681	ng/ul	97
52) Acenaphthene	14.645	153	1190086	30.555	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	148199	28.862	ng/ul	96
55) 4-Nitrophenol	14.804	109	191015	32.277	ng/ul	94
56) Dibenzofuran	14.980	168	1592334	30.454	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	414116	34.835	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.204	232	290502	31.525	ng/ul	98
59) Diethylphthalate	15.415	149	1468512	32.243	ng/ul	99
61) Fluorene	15.627	166	1303285	31.035	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.627	204	618966	31.275	ng/ul	99
63) 4-Nitroaniline	15.662	138	352789	41.783	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.715	198	230424	29.314	ng/ul#	99
67) N-Nitrosodiphenylamine	15.845	169	1131995	32.256	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	380349	33.056	ng/ul	95
69) Hexachlorobenzene	16.621	284	430835	32.715	ng/ul	99
70) Atrazine	16.804	200	217941	18.958	ng/ul	99
71) Pentachlorophenol	16.974	266	251168	28.941	ng/ul	99
72) Phenanthrene	17.374	178	2102809	31.653	ng/ul	100
74) Anthracene	17.462	178	2113525	31.598	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.374	216	517874	31.946	ng/uL	98
76) Pentachlorobenzene	14.892	250	504836	32.622	ng/uL	99
77) Carbazole	17.739	167	2041268	32.455	ng/ul	100
78) Di-n-butylphthalate	18.315	149	2798532	35.143	ng/ul	100
80) Fluoranthene	19.392	202	2435991	33.220	ng/ul	98
82) Pyrene	19.756	202	2527574	32.868	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1324551	38.347	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	775698	34.123	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2465060	32.522	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1989485	37.621	ng/ul	100
87) Chrysene	21.568	228	2316440	32.512	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	3622348	37.522	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	2406008	33.308	ng/ul	100
91) Benzo(k)fluoranthene	23.262	252	2454254	33.080	ng/ul	100
93) Benzo(a)pyrene	23.838	252	2301399	33.045	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.462	276	2754156	32.702	ng/ul	98
95) Dibenzo(a,h)anthracene	26.491	278	2309425	32.813	ng/ul	99
96) Benzo(g,h,i)perylene	27.238	276	2233774	32.788	ng/ul	98

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

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