Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044453.D
Acq On : 29 Feb 2024 23:23
Operator : MA/JU
Sample : PB159242BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS242

Quant Time: Feb 29 23:52:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 29 03:37:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	208579	20.000	ng/ul	0.02
20) Naphthalene-d8	10.781	136	892539	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.610	164	528414	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.357	188	1042179	20.000	ng/ul	0.02
79) Chrysene-d12	21.550	240	880333	20.000	ng/ul	0.02
88) Perylene-d12	23.980	264	946359	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	36363	5.501	ng/uL	0.00
4) Pyridine-d5	3.793	84	525803	29.123	ng/ul	0.00
7) Phenol-d5	7.134	99	619318	30.995	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.310	67	395642	30.577	ng/ul	0.02
11) 2-Chlorophenol-d4	7.498	132	493553	32.797	ng/ul	0.02
15) 4-Methylphenol-d8	8.687	113	471378	31.178	ng/ul	0.02
21) Nitrobenzene-d5	9.145	128	243924	33.612	ng/ul	0.02
24) 2-Nitrophenol-d4	9.863	143	262719	35.484	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.398	165	456057	34.919	ng/ul	0.02
31) 4-Chloroaniline-d4	10.928	131	542714	24.742	ng/ul	0.02
46) Dimethylphthalate-d6	14.033	166	1293246	31.733	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	1544439	32.938	ng/ul	0.02
54) 4-Nitrophenol-d4	14.816	143	253299	31.235	ng/ul	0.02
60) Fluorene-d10	15.604	176	1130197	32.765	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.727	200	210221	32.509	ng/ul	0.02
73) Anthracene-d10	17.457	188	1677144	33.750	ng/ul	0.02
81) Pyrene-d10	19.751	212	1891135	35.707	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.827	264	1695701	34.968	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	82155	11.790	ng/uL	97
5) Pyridine	3.810	79	580386	30.728	ng/ul	99
6) Benzaldehyde	7.116	77	245862	28.347	ng/ul	99
8) Phenol	7.163	94	691415	33.290	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.404	93	560811	32.259	ng/ul	99
12) 2-Chlorophenol	7.528	128	540120	34.692	ng/ul	98
13) 2-Methylphenol	8.422	108	509000	33.264	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	753933	31.719	ng/ul	98
16) Acetophenone	8.804	105	817021	33.825	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.792	70	421241	34.814	ng/ul	99
18) 4-Methylphenol	8.751	108	545732	33.480	ng/ul	97
19) Hexachloroethane	9.045	117	219770	33.274	ng/ul	94
22) Nitrobenzene	9.187	77	596547	33.990	ng/ul	98
23) Isophorone	9.716	82	1175299	34.553	ng/ul	100
25) 2-Nitrophenol	9.898	139	298064	36.298	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	456485	29.113	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.210	93	756875	34.229	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	478456	36.197	ng/ul	99
30) Naphthalene	10.828	128	1733324	34.147	ng/ul	100
32) 4-Chloroaniline	10.951	127	481034	22.505	ng/ul	99
33) Hexachlorobutadiene	11.104	225	273840	34.387	ng/ul	99
34) Caprolactam	11.739	113	159863	34.987	ng/ul	96
35) 4-Chloro-3-methylphenol	12.075	107	522672	37.115	ng/ul	97
36) 2-Methylnaphthalene	12.439	142	1132729	35.034	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.657	142	1116300	34.925	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.804	216	531398	33.971	ng/ul	98
40)	Hexachlorocyclopentadiene	12.775	237	258235	24.537	ng/ul	99
41)	2,4,6-Trichlorophenol	13.051	196	329320	33.028	ng/ul	100
42)	2,4,5-Trichlorophenol	13.116	196	369857	34.314	ng/ul	99
43)	1,1'-Biphenyl	13.451	154	1436231	33.386	ng/ul	99
44)	2-Chloronaphthalene	13.492	162	1136858	33.751	ng/ul	100
45)	2-Nitroaniline	13.704	65	339803	36.436	ng/ul	97
47)	Dimethylphthalate	14.086	163	1404094	33.710	ng/ul	100
48)	2,6-Dinitrotoluene	14.204	165	286608	36.794	ng/ul	100
50)	Acenaphthylene	14.333	152	1884710	33.935	ng/ul	100
51)	3-Nitroaniline	14.533	138	285813	34.780	ng/ul	93
52)	Acenaphthene	14.674	153	1234840	33.679	ng/ul	100
53)	2,4-Dinitrophenol	14.739	184	144169	29.827	ng/ul	95
55)	4-Nitrophenol	14.833	109	182534	32.765	ng/ul	94
56)	Dibenzofuran	15.010	168	1650342	33.530	ng/ul	99
57)	2,4-Dinitrotoluene	14.986	165	415798	37.156	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.233	232	266579	30.731	ng/ul	99
59)	Diethylphthalate	15.445	149	1481909	34.564	ng/ul	99
61)	Fluorene	15.657	166	1357926	34.350	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.657	204	645357	34.640	ng/ul	98
63)	4-Nitroaniline	15.692	138	311367	39.175	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.745	198	235470	33.287	ng/ul	99
67)	N-Nitrosodiphenylamine	15.874	169	1141717	36.150	ng/ul	100
68)	4-Bromophenyl-phenylether	16.551	248	383355	37.022	ng/ul	98
69)	Hexachlorobenzene	16.651	284	433090	36.543	ng/ul	98
70)	Atrazine	16.833	200	94868	9.170	ng/ul	100
71)	Pentachlorophenol	17.004	266	213296	27.310	ng/ul	99
72)	Phenanthrene	17.398	178	2131167	35.646	ng/ul	100
74)	Anthracene	17.492	178	2142993	35.601	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.410	216	530199	36.343	ng/uL	98
76)	Pentachlorobenzene	14.921	250	499575	35.871	ng/uL	97
77)	Carbazole	17.768	167	2014230	35.586	ng/ul	100
78)	Di-n-butylphthalate	18.345	149	2734867	38.162	ng/ul	100
80)	Fluoranthene	19.415	202	2379961	37.469	ng/ul	99
82)	Pyrene	19.780	202	2506041	37.620	ng/ul	99
83)	Butylbenzylphthalate	20.698	149	1219815	40.769	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.474	252	643969	32.703	ng/ul	100
85)	Benzo(a)anthracene	21.533	228	2400757	36.566	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.480	149	1903134	41.546	ng/ul	100
87)	Chrysene	21.586	228	2240763	36.307	ng/ul	100
89)	Di-n-octyl phthalate	22.427	149	3283015	40.490	ng/ul	100
90)	Benzo(b)fluoranthene	23.239	252	2276338	37.520	ng/ul	100
91)	Benzo(k)fluoranthene	23.291	252	2339000	37.537	ng/ul	100
93)	Benzo(a)pyrene	23.874	252	2164302	37.001	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.532	276	2576782	36.428	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.562	278	2171089	36.729	ng/ul	100
96)	Benzo(g,h,i)perylene	27.315	276	2080188	36.355	ng/ul	99

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

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