Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044419.D
Acq On : 29 Feb 2024 00:13
Operator : MA/JU
Sample : PB159335BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS335

Quant Time: Feb 29 00:59:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 23:05:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	198043	20.000	ng/ul	0.01
20) Naphthalene-d8	10.757	136	852871	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.592	164	493538	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.339	188	1020846	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	868176	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	926100	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	40195	6.404	ng/uL	0.00
4) Pyridine-d5	3.781	84	567409	33.100	ng/ul	0.00
7) Phenol-d5	7.116	99	641096	33.792	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.292	67	399849	32.546	ng/ul	0.01
11) 2-Chlorophenol-d4	7.475	132	505780	35.397	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	479955	33.435	ng/ul	0.01
21) Nitrobenzene-d5	9.122	128	242003	34.898	ng/ul	0.01
24) 2-Nitrophenol-d4	9.839	143	263319	37.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	467339	37.447	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	636247	30.355	ng/ul	0.01
46) Dimethylphthalate-d6	14.015	166	1292069	33.945	ng/ul	0.01
49) Acenaphthylene-d8	14.286	160	1542019	35.211	ng/ul	0.01
54) 4-Nitrophenol-d4	14.798	143	261678	34.548	ng/ul	0.01
60) Fluorene-d10	15.586	176	1120909	34.792	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.709	200	213091	33.641	ng/ul	0.00
73) Anthracene-d10	17.439	188	1696543	34.854	ng/ul	0.00
81) Pyrene-d10	19.733	212	1921687	36.792	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	1742249	36.714	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	124569	18.828	ng/uL	94
5) Pyridine	3.798	79	869521	48.485	ng/ul	97
6) Benzaldehyde	7.092	77	444015	53.916	ng/ul	99
8) Phenol	7.139	94	995614	50.486	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.386	93	804772	48.755	ng/ul	98
12) 2-Chlorophenol	7.510	128	782750	52.950	ng/ul	97
13) 2-Methylphenol	8.398	108	742593	51.112	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1088563	48.234	ng/ul	98
16) Acetophenone	8.786	105	1160695	50.610	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	598102	52.060	ng/ul	98
18) 4-Methylphenol	8.733	108	786371	50.810	ng/ul	98
19) Hexachloroethane	9.022	117	323714	51.619	ng/ul	95
22) Nitrobenzene	9.163	77	863445	51.486	ng/ul	99
23) Isophorone	9.692	82	1681878	51.746	ng/ul	99
25) 2-Nitrophenol	9.875	139	429556	54.744	ng/ul	96
26) 2,4-Dimethylphenol	9.933	107	653969	43.648	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.186	93	1063630	50.338	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	674186	53.377	ng/ul	98
30) Naphthalene	10.804	128	2440885	50.322	ng/ul	100
32) 4-Chloroaniline	10.927	127	765907	37.499	ng/ul	99
33) Hexachlorobutadiene	11.080	225	389076	51.130	ng/ul	99
34) Caprolactam	11.722	113	233436	53.466	ng/ul	96
35) 4-Chloro-3-methylphenol	12.051	107	746377	55.466	ng/ul	96
36) 2-Methylnaphthalene	12.416	142	1593325	51.571	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1575744	51.593	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	735874	50.367	ng/ul	100
40) Hexachlorocyclopentadiene	12.751	237	414404	42.158	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	487110	52.306	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	541349	53.773	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	2005951	49.924	ng/ul	98
44) 2-Chloronaphthalene	13.468	162	1585241	50.388	ng/ul	99
45) 2-Nitroaniline	13.686	65	493951	56.708	ng/ul	96
47) Dimethylphthalate	14.063	163	1971208	50.670	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	406782	55.912	ng/ul	97
50) Acenaphthylene	14.315	152	2656832	51.218	ng/ul	99
51) 3-Nitroaniline	14.510	138	436641	56.889	ng/ul	99
52) Acenaphthene	14.657	153	1731222	50.554	ng/ul	100
53) 2,4-Dinitrophenol	14.715	184	213425	47.275	ng/ul	97
55) 4-Nitrophenol	14.815	109	269576	51.809	ng/ul	96
56) Dibenzofuran	14.992	168	2298901	50.008	ng/ul	100
57) 2,4-Dinitrotoluene	14.968	165	591315	56.574	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.215	232	413221	51.003	ng/ul	98
59) Diethylphthalate	15.427	149	2069315	51.675	ng/ul	100
61) Fluorene	15.639	166	1877378	50.846	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	884398	50.825	ng/ul	97
63) 4-Nitroaniline	15.674	138	475199	64.012	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.727	198	331791	47.884	ng/ul#	97
67) N-Nitrosodiphenylamine	15.857	169	1599363	51.699	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	540178	53.257	ng/ul	98
69) Hexachlorobenzene	16.633	284	598558	51.560	ng/ul	99
70) Atrazine	16.815	200	305765	30.173	ng/ul	100
71) Pentachlorophenol	16.980	266	361650	47.272	ng/ul	99
72) Phenanthrene	17.380	178	2975662	50.812	ng/ul	99
74) Anthracene	17.474	178	3023006	51.270	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	741167	51.866	ng/uL	99
76) Pentachlorobenzene	14.904	250	695768	51.003	ng/uL	97
77) Carbazole	17.751	167	2852864	51.456	ng/ul	100
78) Di-n-butylphthalate	18.327	149	3867260	55.091	ng/ul	100
80) Fluoranthene	19.397	202	3395582	54.206	ng/ul	100
82) Pyrene	19.762	202	3526415	53.679	ng/ul	100
83) Butylbenzylphthalate	20.680	149	1782457	60.408	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	1025099	52.788	ng/ul	99
85) Benzo(a)anthracene	21.521	228	3390345	52.361	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2698217	59.727	ng/ul	99
87) Chrysene	21.574	228	3183363	52.303	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	4759849	59.988	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3340852	56.271	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	3238270	53.105	ng/ul	99
93) Benzo(a)pyrene	23.850	252	3087618	53.940	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	3711645	53.619	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	3104640	53.670	ng/ul	98
96) Benzo(g,h,i)perylene	27.268	276	2973987	53.112	ng/ul	98

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

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