Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048347.D
Acq On : 31 Oct 2024 07:26
Operator : RC/JU
Sample : PB164473BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS473

Quant Time: Oct 31 11:22:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	243781	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	1018443	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.357	164	608323	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1136882	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	958783	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	1013798	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	34142	5.514	ng/uL	0.00
4) Pyridine-d5	3.581	84	518093	28.866	ng/ul	0.00
7) Phenol-d5	6.892	99	623745	29.782	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	371559	28.640	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.245	132	520458	30.558	ng/ul	-0.01
15) 4-Methylphenol-d8	8.428	113	486197	28.915	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	247791	29.676	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.586	143	269417	29.785	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.127	165	491170	29.756	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.639	131	591716	25.816	ng/ul	-0.01
46) Dimethylphthalate-d6	13.768	166	1281949	28.199	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1488174	29.033	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.574	143	226244	27.214	ng/ul	0.00
60) Fluorene-d10	15.351	176	1074048	27.960	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	209359	27.865	ng/ul	-0.01
73) Anthracene-d10	17.198	188	1590927	29.594	ng/ul	-0.01
81) Pyrene-d10	19.486	212	1729153	29.720	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.062	264	1636838	30.611	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	77522	11.843	ng/uL	99
5) Pyridine	3.599	79	541268	29.426	ng/ul	100
6) Benzaldehyde	6.857	77	44923	4.334	ng/ul	98
8) Phenol	6.916	94	672350	30.826	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.139	93	519866	29.834	ng/ul	97
12) 2-Chlorophenol	7.281	128	560269	32.040	ng/ul	98
13) 2-Methylphenol	8.163	108	492566	30.019	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.233	45	789034	29.627	ng/ul	99
16) Acetophenone	8.533	105	790586	29.853	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	392139	28.870	ng/ul	99
18) 4-Methylphenol	8.492	108	550827	30.416	ng/ul	96
19) Hexachloroethane	8.786	117	222705	30.212	ng/ul	98
22) Nitrobenzene	8.910	77	580832	29.936	ng/ul	99
23) Isophorone	9.439	82	1074672	28.582	ng/ul	100
25) 2-Nitrophenol	9.622	139	304034	30.664	ng/ul	96
26) 2,4-Dimethylphenol	9.686	107	501159	27.533	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.916	93	682974	29.287	ng/ul	100
29) 2,4-Dichlorophenol	10.157	162	512271	30.330	ng/ul	99
30) Naphthalene	10.551	128	1687904	29.674	ng/ul	100
32) 4-Chloroaniline	10.663	127	342096	15.404	ng/ul	100
33) Hexachlorobutadiene	10.833	225	336571	29.905	ng/ul	99
34) Caprolactam	11.451	113	141983	26.358	ng/ul	96
35) 4-Chloro-3-methylphenol	11.804	107	488800	28.763	ng/ul	99
36) 2-Methylnaphthalene	12.169	142	1106578	28.861	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	1094218	28.133	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	591027	30.688	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	300168	26.037	ng/ul	100
41) 2,4,6-Trichlorophenol	12.786	196	382187	30.744	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	401901	30.609	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1410852	30.239	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	1101918	30.478	ng/ul	99
45) 2-Nitroaniline	13.439	65	300077	29.989	ng/ul	96
47) Dimethylphthalate	13.815	163	1313142	28.801	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	268068	30.239	ng/ul	94
50) Acenaphthylene	14.074	152	1670845	29.842	ng/ul	99
51) 3-Nitroaniline	14.268	138	260226	27.886	ng/ul	98
52) Acenaphthene	14.415	153	1166932	29.371	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	144456	23.958	ng/ul	95
55) 4-Nitrophenol	14.586	109	164248	27.064	ng/ul	98
56) Dibenzofuran	14.757	168	1584891	28.995	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	379176	29.256	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.986	232	327193	29.065	ng/ul	100
59) Diethylphthalate	15.180	149	1319681	28.770	ng/ul	100
61) Fluorene	15.404	166	1244534	28.594	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	629955	28.831	ng/ul	100
63) 4-Nitroaniline	15.433	138	276870	32.767	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.492	198	233563	28.998	ng/ul	98
67) N-Nitrosodiphenylamine	15.615	169	1050974	30.962	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	380074	30.642	ng/ul	96
69) Hexachlorobenzene	16.409	284	444497	29.951	ng/ul	97
70) Atrazine	16.568	200	356411	30.668	ng/ul	100
71) Pentachlorophenol	16.756	266	285329	30.386	ng/ul	98
72) Phenanthrene	17.139	178	1894317	30.091	ng/ul	99
74) Anthracene	17.233	178	1915784	30.404	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	573241	31.861	ng/uL	98
76) Pentachlorobenzene	14.674	250	544631	29.746	ng/uL	99
77) Carbazole	17.503	167	1699582	30.720	ng/ul	99
78) Di-n-butylphthalate	18.062	149	2206721	30.352	ng/ul	99
80) Fluoranthene	19.156	202	2094199	30.934	ng/ul	99
82) Pyrene	19.521	202	2217843	30.555	ng/ul	99
83) Butylbenzylphthalate	20.415	149	943786	31.464	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	624825	29.867	ng/ul	100
85) Benzo(a)anthracene	21.303	228	2086999	30.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1383936	32.018	ng/ul	99
87) Chrysene	21.362	228	1962835	30.189	ng/ul	99
89) Di-n-octyl phthalate	22.338	149	2291521	30.213	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1967525	30.412	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	2034001	31.400	ng/ul	100
93) Benzo(a)pyrene	24.127	252	1858209	31.572	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.573	276	2359937	33.294	ng/ul	98
95) Dibenzo(a,h)anthracene	27.626	278	1941225	33.487	ng/ul	100
96) Benzo(g,h,i)perylene	28.609	276	1826096	33.571	ng/ul	98

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

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