Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048337.D
Acq On : 31 Oct 2024 00:53
Operator : RC/JU
Sample : P4534-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L63MS

Quant Time: Oct 31 11:21:13 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	258741	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	1065211	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.357	164	631146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1167357	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	982417	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	1065013	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	28747	4.374	ng/uL	0.00
4) Pyridine-d5	3.593	84	77754	4.082	ng/ul	0.00
7) Phenol-d5	6.892	99	163742	7.366	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	399904	29.042	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.245	132	479189	26.508	ng/ul	-0.01
15) 4-Methylphenol-d8	8.428	113	312566	17.514	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	263481	30.170	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.586	143	286464	30.279	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.128	165	520640	30.157	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.639	131	379996	15.851	ng/ul	-0.01
46) Dimethylphthalate-d6	13.769	166	1572424	33.338	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1614836	30.365	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.574	143	64987	7.534	ng/ul	0.00
60) Fluorene-d10	15.351	176	1287258	32.299	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	269372	34.917	ng/ul	0.00
73) Anthracene-d10	17.198	188	1970638	35.700	ng/ul	-0.01
81) Pyrene-d10	19.492	212	2179058	36.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	2111594	37.590	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	36404	5.240	ng/uL	99
5) Pyridine	3.610	79	97793	5.009	ng/ul	98
6) Benzaldehyde	6.857	77	238125	21.645	ng/ul	98
8) Phenol	6.916	94	180950	7.816	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.140	93	525161	28.395	ng/ul	98
12) 2-Chlorophenol	7.281	128	488427	26.317	ng/ul	99
13) 2-Methylphenol	8.163	108	357136	20.507	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	773428	27.362	ng/ul	99
16) Acetophenone	8.534	105	823967	29.314	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	406540	28.200	ng/ul	98
18) 4-Methylphenol	8.492	108	347901	18.100	ng/ul	95
19) Hexachloroethane	8.786	117	132942	16.992	ng/ul	100
22) Nitrobenzene	8.910	77	588701	29.009	ng/ul	97
23) Isophorone	9.439	82	1121779	28.525	ng/ul	99
25) 2-Nitrophenol	9.622	139	304003	29.315	ng/ul	98
26) 2,4-Dimethylphenol	9.686	107	467680	24.566	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	695265	28.505	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	516337	29.228	ng/ul	99
30) Naphthalene	10.551	128	1493349	25.101	ng/ul	99
32) 4-Chloroaniline	10.669	127	250156	10.770	ng/ul	100
33) Hexachlorobutadiene	10.833	225	227644	19.338	ng/ul	99
34) Caprolactam	11.457	113	21378	3.794	ng/ul	98
35) 4-Chloro-3-methylphenol	11.798	107	487935	27.451	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	1065214	26.562	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	1060162	26.060	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	584085	29.231	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	204524	17.099	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	410707	31.844	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	450738	33.087	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	1463064	30.224	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	1127867	30.068	ng/ul	98
45) 2-Nitroaniline	13.439	65	340510	32.800	ng/ul	96
47) Dimethylphthalate	13.816	163	1537532	32.503	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	312822	34.011	ng/ul	95
50) Acenaphthylene	14.074	152	1782898	30.692	ng/ul	100
51) 3-Nitroaniline	14.268	138	255102	26.349	ng/ul	99
52) Acenaphthene	14.421	153	1279937	31.051	ng/ul	100
53) 2,4-Dinitrophenol	14.480	184	178784	28.579	ng/ul	95
55) 4-Nitrophenol	14.586	109	47504	7.544	ng/ul	99
56) Dibenzofuran	14.757	168	1795075	31.653	ng/ul	100
57) 2,4-Dinitrotoluene	14.727	165	451928	33.609	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.986	232	378197	32.381	ng/ul	98
59) Diethylphthalate	15.180	149	1555308	32.681	ng/ul	100
61) Fluorene	15.404	166	1426947	31.599	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	720405	31.778	ng/ul	98
63) 4-Nitroaniline	15.433	138	293951	33.531	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	285242	34.490	ng/ul	94
67) N-Nitrosodiphenylamine	15.615	169	1210299	34.725	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	443160	34.795	ng/ul	96
69) Hexachlorobenzene	16.410	284	525429	34.480	ng/ul	98
70) Atrazine	16.568	200	273216	22.896	ng/ul	99
71) Pentachlorophenol	16.757	266	323009	33.500	ng/ul	98
72) Phenanthrene	17.139	178	2245581	34.740	ng/ul	100
74) Anthracene	17.233	178	2231081	34.484	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	582609	31.537	ng/uL	98
76) Pentachlorobenzene	14.674	250	609548	32.422	ng/uL	99
77) Carbazole	17.504	167	2009305	35.370	ng/ul	100
78) Di-n-butylphthalate	18.068	149	2655866	35.576	ng/ul	100
80) Fluoranthene	19.156	202	2486300	35.843	ng/ul	98
82) Pyrene	19.521	202	2644844	35.561	ng/ul	99
83) Butylbenzylphthalate	20.415	149	1119875	36.436	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	435244	20.305	ng/ul	98
85) Benzo(a)anthracene	21.303	228	2493133	35.190	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1659274	37.465	ng/ul	99
87) Chrysene	21.368	228	2334880	35.047	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	2801077	35.156	ng/ul	100
90) Benzo(b)fluoranthene	23.338	252	2451853	36.076	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	2431388	35.730	ng/ul	99
93) Benzo(a)pyrene	24.133	252	2256110	36.489	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.579	276	3016633	40.512	ng/ul	100
95) Dibenzo(a,h)anthracene	27.626	278	2495839	40.983	ng/ul	99
96) Benzo(g,h,i)perylene	28.615	276	2334315	40.851	ng/ul	99

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

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