Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140224.D
Acq On : 04 Nov 2024 17:49
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL-4 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2024

Quant Time: Nov 04 23:59:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	196279	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	736682	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	444693	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	814385	20.000	ng		0.00
76) Chrysene-d12	14.051	240	541954	20.000	ng		0.00
86) Perylene-d12	15.539	264	446978	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1454938	125.604	ng		0.00
7) Phenol-d6	6.504	99	1878378	126.378	ng		0.00
23) Nitrobenzene-d5	7.434	82	1261008	86.596	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	688626	140.446	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2469728	86.809	ng		0.00
79) Terphenyl-d14	12.992	244	2683245	78.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	24113	4.716	ng		92
3) Pyridine	3.493	79	50241	4.000	ng		94
4) n-Nitrosodimethylamine	3.375	42	26243	3.730	ng	#	84
6) Aniline	6.540	93	75096	5.789	ng		97
8) 2-Chlorophenol	6.663	128	59968	4.911	ng		96
9) Benzaldehyde	6.428	77	51847	5.369	ng		95
10) Phenol	6.516	94	73352	4.640	ng	#	75
11) bis(2-Chloroethyl)ether	6.610	93	56492	4.648	ng		99
12) 1,3-Dichlorobenzene	6.816	146	66301	4.599	ng		98
13) 1,4-Dichlorobenzene	6.893	146	67562	4.639	ng		98
14) 1,2-Dichlorobenzene	7.045	146	63790	4.687	ng		99
15) Benzyl Alcohol	7.010	79	70864	6.087	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	78021	4.460	ng		99
17) 2-Methylphenol	7.116	107	46171	4.672	ng		96
18) Hexachloroethane	7.387	117	23937	4.415	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	42962	4.427	ng		97
20) 3+4-Methylphenols	7.269	107	62411	4.908	ng		93
22) Acetophenone	7.275	105	87280	4.834	ng		97
24) Nitrobenzene	7.451	77	66717	4.389	ng		99
25) Isophorone	7.687	82	111951	4.526	ng		100
26) 2-Nitrophenol	7.769	139	26009	4.359	ng		98
27) 2,4-Dimethylphenol	7.798	122	36590	4.478	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	68929	4.625	ng		98
29) 2,4-Dichlorophenol	8.010	162	48440	4.688	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	58329	4.597	ng		98
31) Naphthalene	8.175	128	176448	4.751	ng		98
32) Benzoic acid	7.851	122	14351	2.209	ng		92
33) 4-Chloroaniline	8.222	127	66360	5.391	ng		96
34) Hexachlorobutadiene	8.292	225	38474	4.370	ng		99
35) Caprolactam	8.551	113	13889	4.530	ng		87
36) 4-Chloro-3-methylphenol	8.698	107	50297	4.470	ng		97
37) 2-Methylnaphthalene	8.863	142	119536	4.823	ng		99
38) 1-Methylnaphthalene	8.963	142	109567	4.516	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	65188	4.749	ng		99
41) Hexachlorocyclopentadiene	9.022	237	14801	3.932	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	37075	4.424	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	37188	4.247	ng		97
46) 1,1'-Biphenyl	9.334	154	160959	4.987	ng		98
47) 2-Chloronaphthalene	9.357	162	113567	4.637	ng		96
48) 2-Nitroaniline	9.451	65	30941	4.064	ng		94
49) Acenaphthylene	9.775	152	175611	5.095	ng		99
50) Dimethylphthalate	9.628	163	127569	4.678	ng		100
51) 2,6-Dinitrotoluene	9.692	165	27780	4.275	ng		87
52) Acenaphthene	9.945	154	109817	4.470	ng		99
53) 3-Nitroaniline	9.857	138	27404	4.621	ng		97
54) 2,4-Dinitrophenol	9.969	184	3040	7.191	ng	#	82
55) Dibenzofuran	10.116	168	167321	4.821	ng		96
56) 4-Nitrophenol	10.016	139	13313	3.034	ng		95
57) 2,4-Dinitrotoluene	10.092	165	34939	4.107	ng		93
58) Fluorene	10.463	166	134627	4.851	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	31047	4.279	ng	#	98
60) Diethylphthalate	10.333	149	128508	4.626	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	68146	4.772	ng		93
62) 4-Nitroaniline	10.469	138	26175	4.342	ng		91
63) Azobenzene	10.616	77	123416	4.381	ng		96
66) n-Nitrosodiphenylamine	10.569	169	111796	4.766	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	42886	4.676	ng		97
68) Hexachlorobenzene	11.010	284	47888	4.627	ng		98
69) Atrazine	11.092	200	37867	5.770	ng		97
70) Pentachlorophenol	11.204	266	13303	2.413	ng		99
71) Phenanthrene	11.428	178	195609	4.941	ng		98
72) Anthracene	11.475	178	195458	5.038	ng		98
73) Carbazole	11.633	167	166125	4.721	ng		98
74) Di-n-butylphthalate	11.963	149	190725	4.622	ng		98
75) Fluoranthene	12.616	202	197406	4.655	ng		98
77) Benzidine	12.739	184	37613	4.001	ng		95
78) Pyrene	12.845	202	202282	4.545	ng		97
80) Butylbenzylphthalate	13.463	149	64250	4.116	ng		97
81) Benzo(a)anthracene	14.039	228	167282	4.706	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	44087	4.111	ng		97
83) Chrysene	14.074	228	146160	4.470	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	92955	4.282	ng		99
85) Di-n-octyl phthalate	14.651	149	128074	3.978	ng		96
87) Indeno(1,2,3-cd)pyrene	17.039	276	112741	4.007	ng		99
88) Benzo(b)fluoranthene	15.104	252	117759	4.177	ng		100
89) Benzo(k)fluoranthene	15.133	252	115971	4.616	ng		97
90) Benzo(a)pyrene	15.474	252	101661	4.474	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	92470	4.036	ng		99
92) Benzo(g,h,i)perylene	17.492	276	87249	3.729	ng		99

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

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