Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140241.D
Acq On : 05 Nov 2024 17:03
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-5 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Quant Time: Nov 05 23:42:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 23:41:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	197180	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	740292	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	436661	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	784603	20.000	ng		0.00
76) Chrysene-d12	14.057	240	504679	20.000	ng		0.00
86) Perylene-d12	15.568	264	426376	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1261138	105.993	ng		0.00
7) Phenol-d6	6.504	99	1647077	107.623	ng		0.00
23) Nitrobenzene-d5	7.440	82	1170743	78.628	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	500953	116.064	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2091802	76.494	ng		0.00
79) Terphenyl-d14	12.992	244	2289131	74.303	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	26221	4.793	ng		97
3) Pyridine	3.487	79	58430	4.378	ng		97
4) n-Nitrosodimethylamine	3.369	42	34640	4.495	ng	#	92
6) Aniline	6.540	93	84094	6.082	ng		98
8) 2-Chlorophenol	6.663	128	63159	5.073	ng		93
9) Benzaldehyde	6.428	77	57180	6.065	ng		97
10) Phenol	6.516	94	83084	5.112	ng	#	76
11) bis(2-Chloroethyl)ether	6.610	93	61190	4.956	ng		99
12) 1,3-Dichlorobenzene	6.816	146	73483	5.037	ng		97
13) 1,4-Dichlorobenzene	6.893	146	72536	4.930	ng		99
14) 1,2-Dichlorobenzene	7.045	146	69124	5.030	ng		97
15) Benzyl Alcohol	7.010	79	75000	6.357	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	103384	5.173	ng		99
17) 2-Methylphenol	7.116	107	49413	4.758	ng		98
18) Hexachloroethane	7.387	117	25741	4.697	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	49048	5.024	ng		100
20) 3+4-Methylphenols	7.269	107	64055	4.911	ng		99
22) Acetophenone	7.275	105	98003	5.339	ng		97
24) Nitrobenzene	7.451	77	76716	4.910	ng		100
25) Isophorone	7.687	82	131050	5.112	ng		99
26) 2-Nitrophenol	7.769	139	29172	4.694	ng		97
27) 2,4-Dimethylphenol	7.798	122	32323	3.823	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	76693	4.999	ng		100
29) 2,4-Dichlorophenol	8.004	162	49806	4.762	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	61052	4.871	ng		99
31) Naphthalene	8.175	128	190755	4.990	ng		99
32) Benzoic acid	7.857	122	18635	2.686	ng		92
33) 4-Chloroaniline	8.222	127	69445	5.518	ng		99
34) Hexachlorobutadiene	8.292	225	38784	4.572	ng		98
35) Caprolactam	8.551	113	15445	4.854	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	54354	4.667	ng		93
37) 2-Methylnaphthalene	8.863	142	129929	5.208	ng		99
38) 1-Methylnaphthalene	8.963	142	120674	4.935	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	64800	5.069	ng		98
41) Hexachlorocyclopentadiene	9.022	237	10719	2.992	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	36235	4.574	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	37693	4.525	ng		98
46) 1,1'-Biphenyl	9.334	154	170759	5.410	ng		98
47) 2-Chloronaphthalene	9.357	162	119122	5.014	ng		97
48) 2-Nitroaniline	9.451	65	36971	4.654	ng		96
49) Acenaphthylene	9.775	152	189334	5.630	ng		98
50) Dimethylphthalate	9.628	163	138185	5.138	ng		99
51) 2,6-Dinitrotoluene	9.692	165	29446	4.658	ng		96
52) Acenaphthene	9.945	154	115244	4.831	ng		98
53) 3-Nitroaniline	9.857	138	30092	5.056	ng		99
55) Dibenzofuran	10.116	168	175962	5.275	ng		99
56) 4-Nitrophenol	10.016	139	14986	3.581	ng		98
57) 2,4-Dinitrotoluene	10.092	165	38346	4.675	ng		96
58) Fluorene	10.463	166	139395	5.250	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	32006	4.691	ng		99
60) Diethylphthalate	10.333	149	135028	5.053	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	69633	5.203	ng		96
62) 4-Nitroaniline	10.469	138	26980	4.561	ng		97
63) Azobenzene	10.616	77	138925	5.015	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	9989	2.424	ng		96
66) n-Nitrosodiphenylamine	10.569	169	117587	5.211	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	41421	4.903	ng		98
68) Hexachlorobenzene	11.010	284	46885	4.868	ng		99
69) Atrazine	11.092	200	40414	6.546	ng		100
70) Pentachlorophenol	11.204	266	14222	2.750	ng		96
71) Phenanthrene	11.428	178	200558	5.356	ng		98
72) Anthracene	11.480	178	192492	5.243	ng		98
73) Carbazole	11.633	167	173571	5.174	ng		97
74) Di-n-butylphthalate	11.963	149	199246	5.017	ng		100
75) Fluoranthene	12.616	202	197480	5.044	ng		99
77) Benzidine	12.739	184	37934	3.844	ng	#	96
78) Pyrene	12.845	202	205689	4.936	ng		98
80) Butylbenzylphthalate	13.469	149	69987	4.664	ng		95
81) Benzo(a)anthracene	14.045	228	162394	5.014	ng		98
82) 3,3'-Dichlorobenzidine	14.010	252	44295	4.355	ng		97
83) Chrysene	14.080	228	152945	5.043	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	102646	4.881	ng		98
85) Di-n-octyl phthalate	14.674	149	144036	4.550	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	112779	4.506	ng		99
88) Benzo(b)fluoranthene	15.127	252	119005	4.614	ng		98
89) Benzo(k)fluoranthene	15.157	252	125424	5.300	ng		99
90) Benzo(a)pyrene	15.498	252	104954	4.936	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	89580	4.350	ng		99
92) Benzo(g,h,i)perylene	17.521	276	86029	4.096	ng		98

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

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