Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062644.D
Acq On : 4 Sep 2024 15:38
Operator : MA/JU
Sample : P2403-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 04 16:20:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	46320	20.000	ng		0.00
21) Naphthalene-d8	10.713	136	177909	20.000	ng		0.00
39) Acenaphthene-d10	14.544	164	150122	20.000	ng		0.00
64) Phenanthrene-d10	17.288	188	419718	20.000	ng		0.00
76) Chrysene-d12	21.536	240	484784	20.000	ng		0.00
86) Perylene-d12	24.609	264	540234	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	334119	124.684	ng		0.00
7) Phenol-d6	7.082	99	468186	120.940	ng		0.00
23) Nitrobenzene-d5	9.074	82	322880	97.742	ng		0.00
42) 2,4,6-Tribromophenol	16.037	330	303342	143.581	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	848258	91.525	ng		0.00
79) Terphenyl-d14	19.909	244	2049008	83.807	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	13922	12.471	ng		99
3) Pyridine	3.804	79	34143	10.615	ng		96
4) n-Nitrosodimethylamine	3.716	42	17010	10.878	ng	#	93
6) Aniline	7.247	93	43009	11.891	ng	#	90
8) 2-Chlorophenol	7.488	128	30284	10.526	ng		86
9) Benzaldehyde	7.059	77	31995	14.208	ng		99
10) Phenol	7.112	94	41985	10.713	ng		96
11) bis(2-Chloroethyl)ether	7.341	93	30938	10.311	ng		97
12) 1,3-Dichlorobenzene	7.811	146	34005	10.771	ng		99
13) 1,4-Dichlorobenzene	7.958	146	35327	10.873	ng		95
14) 1,2-Dichlorobenzene	8.275	146	33946	10.629	ng		97
15) Benzyl Alcohol	8.158	79	29240	10.208	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	58445	10.220	ng		99
17) 2-Methylphenol	8.357	107	27171	9.946	ng		88
18) Hexachloroethane	8.998	117	12824	10.526	ng	#	85
19) n-Nitroso-di-n-propyla...	8.716	70	27414	8.987	ng		99
20) 3+4-Methylphenols	8.680	107	37301	9.255	ng		93
22) Acetophenone	8.733	105	53370	11.120	ng		100
24) Nitrobenzene	9.115	77	39724	11.310	ng		94
25) Isophorone	9.632	82	77094	10.632	ng	#	98
26) 2-Nitrophenol	9.832	139	15496	11.676	ng	#	86
27) 2,4-Dimethylphenol	9.891	122	23240	11.951	ng		89
28) bis(2-Chloroethoxy)met...	10.120	93	43637	11.241	ng		96
29) 2,4-Dichlorophenol	10.361	162	31092	11.436	ng		97
30) 1,2,4-Trichlorobenzene	10.578	180	37930	11.768	ng		97
31) Naphthalene	10.760	128	101232	11.480	ng		95
32) Benzoic acid	9.955	122	20566m	9.833	ng		
33) 4-Chloroaniline	10.872	127	41166	11.863	ng		94
34) Hexachlorobutadiene	11.048	225	25730	11.430	ng		91
35) Caprolactam	11.606	113	12100	11.544	ng		94
36) 4-Chloro-3-methylphenol	11.994	107	34050	10.382	ng		98
37) 2-Methylnaphthalene	12.370	142	76980	11.255	ng		99
38) 1-Methylnaphthalene	12.588	142	72442	10.548	ng		94
40) 1,2,4,5-Tetrachloroben...	12.740	216	52930	11.724	ng		98
41) Hexachlorocyclopentadiene	12.723	237	17001	13.199	ng		92
43) 2,4,6-Trichlorophenol	12.975	196	30705	10.728	ng		96

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Quant Time: Sep 04 16:20:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.052	196	34320	10.589	ng		99
46) 1,1'-Biphenyl	13.381	154	113045	11.287	ng		99
47) 2-Chloronaphthalene	13.422	162	86911	10.707	ng		98
48) 2-Nitroaniline	13.616	65	23732	11.116	ng		94
49) Acenaphthylene	14.268	152	141621	11.782	ng		99
50) Dimethylphthalate	13.998	163	123257	11.228	ng		99
51) 2,6-Dinitrotoluene	14.115	165	21961	10.577	ng		95
52) Acenaphthene	14.609	154	79738	10.612	ng		99
53) 3-Nitroaniline	14.444	138	24327	12.109	ng		90
54) 2,4-Dinitrophenol	14.656	184	11082	9.511	ng		92
55) Dibenzofuran	14.944	168	147067	11.413	ng		99
56) 4-Nitrophenol	14.756	139	20181	11.853	ng		92
57) 2,4-Dinitrotoluene	14.903	165	32648	11.524	ng		94
58) Fluorene	15.590	166	114815	11.353	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.173	232	36256	11.808	ng	#	97
60) Diethylphthalate	15.361	149	120979	11.119	ng		97
61) 4-Chlorophenyl-phenyle...	15.590	204	66844	11.513	ng		93
62) 4-Nitroaniline	15.602	138	26138	11.799	ng		97
63) Azobenzene	15.878	77	112007	10.964	ng		98
65) 4,6-Dinitro-2-methylph...	15.666	198	17940	9.578	ng		95
66) n-Nitrosodiphenylamine	15.802	169	108998	10.801	ng		99
67) 4-Bromophenyl-phenylether	16.483	248	44883	10.361	ng		96
68) Hexachlorobenzene	16.601	284	54495	10.623	ng		95
69) Atrazine	16.747	200	49555	14.458	ng		94
70) Pentachlorophenol	16.941	266	30949	9.419	ng		95
71) Phenanthrene	17.335	178	226383	11.556	ng		98
72) Anthracene	17.423	178	229267	11.903	ng		97
73) Carbazole	17.693	167	208370	11.767	ng		98
74) Di-n-butylphthalate	18.258	149	227059	11.370	ng		100
75) Fluoranthene	19.344	202	296982	11.986	ng		99
77) Benzidine	19.527	184	144409	16.527	ng		99
78) Pyrene	19.703	202	322787	10.475	ng		98
80) Butylbenzylphthalate	20.602	149	89868	9.929	ng		100
81) Benzo(a)anthracene	21.518	228	345106	11.287	ng		99
82) 3,3'-Dichlorobenzidine	21.436	252	118017	11.848	ng		99
83) Chrysene	21.577	228	334140	11.409	ng		97
84) Bis(2-ethylhexyl)phtha...	21.436	149	137927	10.030	ng		99
85) Di-n-octyl phthalate	22.599	149	233380	9.693	ng		100
87) Indeno(1,2,3-cd)pyrene	28.070	276	390246	11.265	ng	#	92
88) Benzo(b)fluoranthene	23.634	252	319223	10.698	ng		97
89) Benzo(k)fluoranthene	23.698	252	335928	11.509	ng		99
90) Benzo(a)pyrene	24.462	252	304531	11.552	ng		99
91) Dibenzo(a,h)anthracene	28.128	278	321760	11.275	ng		97
92) Benzo(g,h,i)perylene	29.156	276	308187	10.710	ng		96

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

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