Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062622.D
Acq On : 3 Sep 2024 12:29
Operator : MA/JU
Sample : P3390-02
Misc : LOQ--SOIL-10ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Quant Time: Sep 04 04:53:33 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	7.924	152	61755	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	275764	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	227463	20.000	ng		0.00
64) Phenanthrene-d10	17.290	188	597466	20.000	ng		0.00
76) Chrysene-d12	21.538	240	609044	20.000	ng		0.00
86) Perylene-d12	24.605	264	663688	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	490533	137.301	ng		0.00
7) Phenol-d6	7.090	99	690042	133.697	ng		0.00
23) Nitrobenzene-d5	9.076	82	499928	97.635	ng		0.00
42) 2,4,6-Tribromophenol	16.038	330	467654	146.091	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	1320443	94.030	ng		0.00
79) Terphenyl-d14	19.910	244	2635508	85.803	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	19165	12.877	ng		97
3) Pyridine	3.806	79	48643	11.343	ng		96
4) n-Nitrosodimethylamine	3.717	42	24949	11.967	ng	#	99
6) Aniline	7.249	93	64205	13.315	ng	#	89
8) 2-Chlorophenol	7.490	128	43678	11.387	ng		90
9) Benzaldehyde	7.061	77	44426	14.798	ng		97
10) Phenol	7.114	94	59537	11.395	ng		96
11) bis(2-Chloroethyl)ether	7.343	93	46335	11.583	ng		98
12) 1,3-Dichlorobenzene	7.813	146	48332	11.482	ng		97
13) 1,4-Dichlorobenzene	7.960	146	50216	11.592	ng		98
14) 1,2-Dichlorobenzene	8.277	146	47643	11.189	ng		97
15) Benzyl Alcohol	8.159	79	43504	11.392	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.441	45	85033	11.153	ng		99
17) 2-Methylphenol	8.365	107	37562	10.313	ng		94
18) Hexachloroethane	9.000	117	17741	10.923	ng		96
19) n-Nitroso-di-n-propyla...	8.717	70	45326	11.145	ng		92
20) 3+4-Methylphenols	8.688	107	52819	9.830	ng		98
22) Acetophenone	8.735	105	84948	11.419	ng	#	97
24) Nitrobenzene	9.117	77	62304	11.444	ng		98
25) Isophorone	9.640	82	130853	11.642	ng		99
26) 2-Nitrophenol	9.828	139	22716	11.043	ng		90
27) 2,4-Dimethylphenol	9.887	122	20707	6.870	ng		93
28) bis(2-Chloroethoxy)met...	10.122	93	69515	11.553	ng		99
29) 2,4-Dichlorophenol	10.363	162	46319	10.991	ng		97
30) 1,2,4-Trichlorobenzene	10.580	180	57164	11.442	ng		97
31) Naphthalene	10.768	128	155574	11.382	ng		99
32) Benzoic acid	9.992	122	50430	15.556	ng		97
33) 4-Chloroaniline	10.874	127	65509	12.179	ng		97
34) Hexachlorobutadiene	11.056	225	37433	10.728	ng		94
35) Caprolactam	11.626	113	17991	11.074	ng		92
36) 4-Chloro-3-methylphenol	11.996	107	54534	10.728	ng		99
37) 2-Methylnaphthalene	12.372	142	119941	11.314	ng		95
38) 1-Methylnaphthalene	12.589	142	116742	10.967	ng		96
40) 1,2,4,5-Tetrachloroben...	12.742	216	80605	11.783	ng		98
41) Hexachlorocyclopentadiene	12.725	237	21121	10.822	ng		92
43) 2,4,6-Trichlorophenol	12.977	196	49675	11.455	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.048	196	53302	10.854	ng		96
46) 1,1'-Biphenyl	13.383	154	178840	11.785	ng		99
47) 2-Chloronaphthalene	13.424	162	139980	11.382	ng		99
48) 2-Nitroaniline	13.624	65	34645	10.710	ng		97
49) Acenaphthylene	14.270	152	224114	12.305	ng		99
50) Dimethylphthalate	14.000	163	192738	11.588	ng		98
51) 2,6-Dinitrotoluene	14.117	165	33452	10.633	ng		97
52) Acenaphthene	14.611	154	130784	11.487	ng		97
53) 3-Nitroaniline	14.446	138	33913	11.140	ng		97
54) 2,4-Dinitrophenol	14.652	184	22677	12.844	ng		91
55) Dibenzofuran	14.945	168	231497	11.856	ng		96
56) 4-Nitrophenol	14.757	139	63503	24.615	ng		94
57) 2,4-Dinitrotoluene	14.904	165	45543	10.610	ng		97
58) Fluorene	15.598	166	178623	11.657	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	54920	11.805	ng	#	98
60) Diethylphthalate	15.363	149	187657	11.383	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	102887	11.696	ng		95
62) 4-Nitroaniline	15.604	138	37827	11.270	ng		90
63) Azobenzene	15.880	77	179315	11.584	ng		99
65) 4,6-Dinitro-2-methylph...	15.668	198	26085	9.783	ng		89
66) n-Nitrosodiphenylamine	15.803	169	163070	11.352	ng		99
67) 4-Bromophenyl-phenylether	16.485	248	69998	11.352	ng		95
68) Hexachlorobenzene	16.596	284	84858	11.620	ng		96
69) Atrazine	16.749	200	72112	14.780	ng		97
70) Pentachlorophenol	16.943	266	100040	21.389	ng		97
71) Phenanthrene	17.331	178	339325	12.168	ng		99
72) Anthracene	17.425	178	323625	11.803	ng		97
73) Carbazole	17.689	167	295543	11.725	ng		99
74) Di-n-butylphthalate	18.259	149	322060	11.329	ng		100
75) Fluoranthene	19.346	202	417690	11.843	ng		99
77) Benzidine	19.522	184	114917	10.469	ng		98
78) Pyrene	19.705	202	439108	11.342	ng		99
80) Butylbenzylphthalate	20.598	149	116834	10.274	ng		97
81) Benzo(a)anthracene	21.514	228	450402	11.725	ng		98
82) 3,3'-Dichlorobenzidine	21.438	252	153915	12.299	ng		98
83) Chrysene	21.579	228	425569	11.566	ng		100
84) Bis(2-ethylhexyl)phtha...	21.438	149	185597	10.743	ng		99
85) Di-n-octyl phthalate	22.601	149	314453	10.396	ng		99
87) Indeno(1,2,3-cd)pyrene	28.071	276	507740	11.931	ng		99
88) Benzo(b)fluoranthene	23.635	252	420532	11.472	ng		98
89) Benzo(k)fluoranthene	23.700	252	430477	12.005	ng		99
90) Benzo(a)pyrene	24.464	252	386712	11.941	ng		99
91) Dibenzo(a,h)anthracene	28.124	278	416025	11.867	ng		97
92) Benzo(g,h,i)perylene	29.158	276	396358	11.212	ng		95

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

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