Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050608.D
Acq On : 15 Oct 2021 18:08
Operator : CG/JU
Sample : M4195-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HAR-SOILPILE MSD

Quant Time: Oct 18 06:32:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.260	152	44292	20.00	ng		0.00
21) Naphthalene-d8	11.080	136	183479	20.00	ng		# 0.00
39) Acenaphthene-d10	14.876	164	123346	20.00	ng		0.00
64) Phenanthrene-d10	17.619	188	270713	20.00	ng		# 0.00
76) Chrysene-d12	21.920	240	232005	20.00	ng		# 0.00
86) Perylene-d12	25.328	264	238250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	395601	133.58	ng		0.00
7) Phenol-d6	7.402	99	506026	118.01	ng		0.00
23) Nitrobenzene-d5	9.429	82	399074	90.04	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	162603	138.21	ng		0.00
45) 2-Fluorobiphenyl	13.501	172	713386	87.05	ng		0.00
79) Terphenyl-d14	20.205	244	1048739	88.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.665	88	57120	37.24	ng	#	25
3) Pyridine	4.076	79	108939	26.00	ng		94
4) n-Nitrosodimethylamine	3.982	42	91032	46.10	ng	#	47
6) Aniline	7.578	93	149146	29.94	ng		95
8) 2-Chlorophenol	7.819	128	152283	53.40	ng		87
9) Benzaldehyde	7.390	77	109485	40.57	ng		92
10) Phenol	7.431	94	189994	45.57	ng		86
11) bis(2-Chloroethyl)ether	7.666	93	153875	47.29	ng		87
12) 1,3-Dichlorobenzene	8.142	146	153314	46.58	ng		97
13) 1,4-Dichlorobenzene	8.295	146	155024	46.72	ng		97
14) 1,2-Dichlorobenzene	8.612	146	149453	47.15	ng		96
15) Benzyl Alcohol	8.495	79	178546	52.69	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.777	45	251179	47.33	ng		85
17) 2-Methylphenol	8.689	107	142761	52.04	ng		92
18) Hexachloroethane	9.347	117	60567	48.22	ng		91
19) n-Nitroso-di-n-propyla...	9.059	70	150141	48.04	ng	#	90
20) 3+4-Methylphenols	9.018	107	193679	50.16	ng		95
22) Acetophenone	9.082	105	243741	46.73	ng	#	97
24) Nitrobenzene	9.476	77	213107	48.36	ng		96
25) Isophorone	9.993	82	383908	48.83	ng	#	96
26) 2-Nitrophenol	10.181	139	86829	53.66	ng	#	92
27) 2,4-Dimethylphenol	10.234	122	159222	56.95	ng		93
28) bis(2-Chloroethoxy)met...	10.469	93	215881	48.03	ng		93
29) 2,4-Dichlorophenol	10.722	162	151996	53.34	ng		96
30) 1,2,4-Trichlorobenzene	10.939	180	145531	44.96	ng		99
31) Naphthalene	11.133	128	616564	62.78	ng		98
32) Benzoic acid	10.304	122	10344	4.99	ng	#	79
33) 4-Chloroaniline	11.239	127	38457	9.33	ng		96
34) Hexachlorobutadiene	11.403	225	91428	44.99	ng		92
35) Caprolactam	12.014	113	45975	42.16	ng	#	63
36) 4-Chloro-3-methylphenol	12.337	107	187076	52.52	ng	#	91
37) 2-Methylnaphthalene	12.719	142	370015	54.60	ng		96
38) 1-Methylnaphthalene	12.937	142	349395	53.17	ng		91
40) 1,2,4,5-Tetrachloroben...	13.078	216	167208	45.91	ng		97
41) Hexachlorocyclopentadiene	13.054	237	199873	94.95	ng		91
43) 2,4,6-Trichlorophenol	13.313	196	124897	48.66	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	136862	51.00	ng		90
46) 1,1'-Biphenyl	13.712	154	416386	46.28	ng		94
47) 2-Chloronaphthalene	13.759	162	322478	46.68	ng		98
48) 2-Nitroaniline	13.959	65	144620	52.63	ng		97
49) Acenaphthylene	14.599	152	535916	47.34	ng		97
50) Dimethylphthalate	14.323	163	463291	49.69	ng		99
51) 2,6-Dinitrotoluene	14.447	165	95314	51.04	ng		90
52) Acenaphthene	14.940	154	333091	45.79	ng		89
53) 3-Nitroaniline	14.776	138	70554	31.94	ng		89
54) 2,4-Dinitrophenol	14.981	184	23127	19.96	ng		94
55) Dibenzofuran	15.269	168	512080	45.52	ng		99
56) 4-Nitrophenol	15.075	139	155645	87.60	ng	#	83
57) 2,4-Dinitrotoluene	15.228	165	136681	51.93	ng		92
58) Fluorene	15.921	166	419052	48.50	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.492	232	114097	48.81	ng		96
60) Diethylphthalate	15.669	149	466397	47.61	ng		97
61) 4-Chlorophenyl-phenyle...	15.904	204	220072	46.55	ng		97
62) 4-Nitroaniline	15.939	138	108353	47.15	ng	#	68
63) Azobenzene	16.197	77	520550	45.91	ng		83
65) 4,6-Dinitro-2-methylph...	15.986	198	35997	22.14	ng		88
66) n-Nitrosodiphenylamine	16.115	169	369676	48.06	ng		97
67) 4-Bromophenyl-phenylether	16.797	248	131841	48.33	ng		98
68) Hexachlorobenzene	16.914	284	132590	48.90	ng	#	90
69) Atrazine	17.055	200	152746	50.41	ng		98
70) Pentachlorophenol	17.261	266	123493	66.91	ng		94
71) Phenanthrene	17.660	178	696764	48.84	ng		98
72) Anthracene	17.754	178	695423	49.06	ng		98
73) Carbazole	18.019	167	640738	45.35	ng		99
74) Di-n-butylphthalate	18.554	149	789223	47.60	ng		98
75) Fluoranthene	19.658	202	795910	45.39	ng		95
77) Benzidine	19.829	184	154107	20.49	ng		97
78) Pyrene	20.017	202	803649	48.82	ng		96
80) Butylbenzylphthalate	20.886	149	350116	50.29	ng		93
81) Benzo(a)anthracene	21.897	228	730782	47.60	ng		100
82) 3,3'-Dichlorobenzidine	21.803	252	169076	33.23	ng	#	98
83) Chrysene	21.967	228	700905	48.54	ng		96
84) Bis(2-ethylhexyl)phtha...	21.767	149	508186	51.37	ng	#	96
85) Di-n-octyl phthalate	23.048	149	865155	52.43	ng		96
87) Indeno(1,2,3-cd)pyrene	29.253	276	816708	49.22	ng	#	96
88) Benzo(b)fluoranthene	24.241	252	763661	52.34	ng	#	93
89) Benzo(k)fluoranthene	24.311	252	703250	48.99	ng	#	96
90) Benzo(a)pyrene	25.169	252	718004	57.88	ng	#	93
91) Dibenzo(a,h)anthracene	29.323	278	685407	49.94	ng	#	92
92) Benzo(g,h,i)perylene	30.487	276	679772	50.57	ng	#	88

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

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