Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050607.D
Acq On : 15 Oct 2021 17:26
Operator : CG/JU
Sample : M4195-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HAR-SOILPILE MS

Manual Integrations APPROVED
mohammad
10/18/2021 12:40:35 PM

Quant Time: Oct 15 18:12:26 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	8.259	152	42733	20.00	ng		0.00
21) Naphthalene-d8	11.079	136	178712	20.00	ng		# 0.00
39) Acenaphthene-d10	14.875	164	118344	20.00	ng		0.00
64) Phenanthrene-d10	17.619	188	257068	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	224458	20.00	ng		# 0.00
86) Perylene-d12	25.327	264	228426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	381497	133.51	ng		0.00
7) Phenol-d6	7.401	99	489740	118.38	ng		0.00
23) Nitrobenzene-d5	9.428	82	387584	89.78	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	154411	136.79	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	691829	87.98	ng		0.00
79) Terphenyl-d14	20.204	244	1009291	87.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.670	88	56030	37.86	ng	#	26
3) Pyridine	4.081	79	107139	26.50	ng		94
4) n-Nitrosodimethylamine	3.982	42	86884	45.60	ng	#	51
6) Aniline	7.577	93	143197	29.79	ng		95
8) 2-Chlorophenol	7.818	128	147149	53.49	ng		89
9) Benzaldehyde	7.389	77	108619	41.88	ng		93
10) Phenol	7.430	94	185181	46.04	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	150297	47.87	ng		87
12) 1,3-Dichlorobenzene	8.141	146	148663	46.81	ng		96
13) 1,4-Dichlorobenzene	8.294	146	152132	47.52	ng		97
14) 1,2-Dichlorobenzene	8.611	146	146839	48.02	ng		94
15) Benzyl Alcohol	8.494	79	170837	52.26	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.776	45	247231	48.29	ng		86
17) 2-Methylphenol	8.688	107	137381	51.91	ng		94
18) Hexachloroethane	9.352	117	59559	49.15	ng		91
19) n-Nitroso-di-n-propyla...	9.064	70	144136	47.80	ng	#	88
20) 3+4-Methylphenols	9.017	107	183825	49.34	ng		95
22) Acetophenone	9.081	105	238181	46.88	ng	#	98
24) Nitrobenzene	9.475	77	206438	48.09	ng		97
25) Isophorone	9.992	82	370442	48.38	ng	#	96
26) 2-Nitrophenol	10.186	139	83654	53.07	ng	#	91
27) 2,4-Dimethylphenol	10.233	122	154092	56.58	ng		90
28) bis(2-Chloroethoxy)met...	10.468	93	206961	47.27	ng		93
29) 2,4-Dichlorophenol	10.721	162	146306	52.71	ng		95
30) 1,2,4-Trichlorobenzene	10.938	180	144122	45.71	ng		99
31) Naphthalene	11.132	128	602748	63.01	ng		98
32) Benzoic acid	10.304	122	8247m	4.08	ng		
33) 4-Chloroaniline	11.238	127	37801	9.42	ng		92
34) Hexachlorobutadiene	11.402	225	90979	45.96	ng		97
35) Caprolactam	12.013	113	45467m	42.80	ng		
36) 4-Chloro-3-methylphenol	12.336	107	174496	50.30	ng	#	91
37) 2-Methylnaphthalene	12.718	142	358625	54.33	ng		93
38) 1-Methylnaphthalene	12.936	142	337266	52.70	ng		93
40) 1,2,4,5-Tetrachloroben...	13.077	216	161125	46.10	ng		97
41) Hexachlorocyclopentadiene	13.053	237	198735	98.40	ng		93
43) 2,4,6-Trichlorophenol	13.312	196	120455	48.91	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	127136	49.38	ng		89
46) 1,1'-Biphenyl	13.711	154	395833	45.86	ng		94
47) 2-Chloronaphthalene	13.758	162	311266	46.96	ng		98
48) 2-Nitroaniline	13.958	65	137363	52.10	ng		96
49) Acenaphthylene	14.604	152	512869	47.22	ng		97
50) Dimethylphthalate	14.322	163	442916	49.51	ng		100
51) 2,6-Dinitrotoluene	14.446	165	92015	51.36	ng		92
52) Acenaphthene	14.939	154	328544	47.08	ng		92
53) 3-Nitroaniline	14.775	138	65070	30.70	ng		86
54) 2,4-Dinitrophenol	14.980	184	27923	25.12	ng		89
55) Dibenzofuran	15.268	168	494828	45.85	ng		98
56) 4-Nitrophenol	15.074	139	148701	87.23	ng	#	83
57) 2,4-Dinitrotoluene	15.227	165	130684	51.75	ng		94
58) Fluorene	15.915	166	399774	48.22	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.492	232	106261	47.38	ng		93
60) Diethylphthalate	15.674	149	443527	47.19	ng		97
61) 4-Chlorophenyl-phenyle...	15.903	204	209525	46.19	ng		97
62) 4-Nitroaniline	15.938	138	101289	45.94	ng	#	71
63) Azobenzene	16.197	77	497801	45.76	ng		83
65) 4,6-Dinitro-2-methylph...	15.985	198	39807	25.78	ng		86
66) n-Nitrosodiphenylamine	16.120	169	357349	48.92	ng		97
67) 4-Bromophenyl-phenylether	16.796	248	123066	47.51	ng		99
68) Hexachlorobenzene	16.919	284	124883	48.51	ng	#	92
69) Atrazine	17.054	200	145284	50.49	ng		98
70) Pentachlorophenol	17.260	266	122447	69.86	ng		98
71) Phenanthrene	17.660	178	664952	49.09	ng		98
72) Anthracene	17.754	178	656519	48.77	ng		98
73) Carbazole	18.018	167	614584	45.81	ng		98
74) Di-n-butylphthalate	18.553	149	752756	47.81	ng		97
75) Fluoranthene	19.657	202	760302	45.66	ng		96
77) Benzidine	19.828	184	146930	20.20	ng		99
78) Pyrene	20.016	202	768474	48.25	ng		97
80) Butylbenzylphthalate	20.885	149	336617	49.97	ng		95
81) Benzo(a)anthracene	21.896	228	699128	47.07	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	159537	32.41	ng	#	96
83) Chrysene	21.966	228	671619	48.07	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	487816	50.97	ng	#	96
85) Di-n-octyl phthalate	23.047	149	830312	52.01	ng		96
87) Indeno(1,2,3-cd)pyrene	29.258	276	773803	48.64	ng	#	88
88) Benzo(b)fluoranthene	24.240	252	718467	51.36	ng	#	94
89) Benzo(k)fluoranthene	24.317	252	669356	48.64	ng	#	97
90) Benzo(a)pyrene	25.169	252	684765	57.57	ng	#	94
91) Dibenzo(a,h)anthracene	29.328	278	653289	49.64	ng	#	94
92) Benzo(g,h,i)perylene	30.486	276	647861	50.27	ng	#	91

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

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