Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048527.D
Acq On : 31 Mar 2021 13:47
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:32 AM

Quant Time: Mar 31 14:22:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	18642	20.00	ng		# 0.00
21) Naphthalene-d8	10.924	136	76470	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	53764	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	131151	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	133289	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	133124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	94140	89.16	ng		0.00
7) Phenol-d6	7.245	99	128890	84.17	ng		0.00
23) Nitrobenzene-d5	9.267	82	115251	72.97	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	59538	84.24	ng		0.00
45) 2-Fluorobiphenyl	13.374	172	271836	75.15	ng		0.00
79) Terphenyl-d14	20.113	244	544155	74.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.515	88	4435	10.44	ng		90
3) Pyridine	3.932	79	9686m	9.09	ng		
4) n-Nitrosodimethylamine	3.826	42	6225	8.95	ng	#	77
6) Aniline	7.410	93	17317	9.85	ng		93
8) 2-Chlorophenol	7.657	128	10522	8.82	ng		89
9) Benzaldehyde	7.228	77	10535	10.76	ng		91
10) Phenol	7.275	94	13789	8.99	ng		96
11) bis(2-Chloroethyl)ether	7.504	93	10388	9.76	ng		98
12) 1,3-Dichlorobenzene	7.986	146	12441	9.25	ng		96
13) 1,4-Dichlorobenzene	8.139	146	13087	9.66	ng		97
14) 1,2-Dichlorobenzene	8.456	146	12499	9.63	ng		91
15) Benzyl Alcohol	8.327	79	9950	7.93	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.614	45	9749	9.50	ng		92
17) 2-Methylphenol	8.538	107	8647	8.72	ng	#	71
18) Hexachloroethane	9.196	117	4988	9.90	ng		93
19) n-Nitroso-di-n-propyla...	8.897	70	8744	8.28	ng	#	88
20) 3+4-Methylphenols	8.867	107	12241	8.89	ng		86
22) Acetophenone	8.926	105	18497	9.38	ng	#	91
24) Nitrobenzene	9.308	77	14566	9.40	ng		93
25) Isophorone	9.831	82	25215	8.64	ng	#	95
26) 2-Nitrophenol	10.030	139	5686	7.98	ng	#	87
27) 2,4-Dimethylphenol	10.083	122	10808	9.64	ng		96
28) bis(2-Chloroethoxy)met...	10.318	93	13888	10.39	ng	#	93
29) 2,4-Dichlorophenol	10.565	162	11086	8.74	ng		86
30) 1,2,4-Trichlorobenzene	10.783	180	13433	9.21	ng		93
31) Naphthalene	10.976	128	35700	9.08	ng		97
32) Benzoic acid	10.148	122	4770m	5.53	ng		
33) 4-Chloroaniline	11.082	127	13931	8.40	ng	#	93
34) Hexachlorobutadiene	11.258	225	9878	9.28	ng		94
35) Caprolactam	11.822	113	3843	8.30	ng	#	66
36) 4-Chloro-3-methylphenol	12.193	107	11838	8.31	ng		88
37) 2-Methylnaphthalene	12.586	142	27559	8.80	ng		93
38) 1-Methylnaphthalene	12.798	142	25808	8.65	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.951	216	16632	9.98	ng		95
41) Hexachlorocyclopentadiene	12.921	237	9917	10.27	ng		91
43) 2,4,6-Trichlorophenol	13.180	196	9593	8.37	ng	#	82

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	10010	8.17	ng	#	95
46) 1,1'-Biphenyl	13.585	154	36150	9.20	ng		98
47) 2-Chloronaphthalene	13.626	162	28141	9.40	ng		95
48) 2-Nitroaniline	13.826	65	8632	9.07	ng		88
49) Acenaphthylene	14.472	152	42051	8.96	ng		98
50) Dimethylphthalate	14.190	163	36285	9.09	ng		99
51) 2,6-Dinitrotoluene	14.308	165	8150	8.93	ng		93
52) Acenaphthene	14.813	154	29301	8.63	ng		98
53) 3-Nitroaniline	14.643	138	8058	9.00	ng	#	86
54) 2,4-Dinitrophenol	14.854	184	3726	7.26	ng		93
55) Dibenzofuran	15.148	168	47449	9.57	ng		98
56) 4-Nitrophenol	14.948	139	6152	8.51	ng		88
57) 2,4-Dinitrotoluene	15.101	165	11656	9.03	ng	#	89
58) Fluorene	15.800	166	37698	9.09	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	10807	9.04	ng	#	98
60) Diethylphthalate	15.553	149	39512	9.64	ng		98
61) 4-Chlorophenyl-phenyle...	15.788	204	19693	8.82	ng		98
62) 4-Nitroaniline	15.800	138	8673	9.26	ng		81
63) Azobenzene	16.082	77	35541	8.81	ng		95
65) 4,6-Dinitro-2-methylph...	15.859	198	6098	7.74	ng		92
66) n-Nitrosodiphenylamine	16.000	169	35247	9.45	ng		96
67) 4-Bromophenyl-phenylether	16.687	248	12397	8.53	ng		92
68) Hexachlorobenzene	16.805	284	14611	9.63	ng		97
69) Atrazine	16.946	200	11975	7.87	ng		93
70) Pentachlorophenol	17.146	266	6311	6.69	ng		87
71) Phenanthrene	17.545	178	58743	8.63	ng		97
72) Anthracene	17.633	178	63346	9.34	ng		98
73) Carbazole	17.904	167	55298	8.59	ng		99
74) Di-n-butylphthalate	18.456	149	65924	9.17	ng		97
75) Fluoranthene	19.555	202	81326	9.64	ng		96
77) Benzidine	19.731	184	37983	8.42	ng	#	96
78) Pyrene	19.919	202	79495	8.67	ng		97
80) Butylbenzylphthalate	20.800	149	28170	8.28	ng		91
81) Benzo(a)anthracene	21.781	228	78180	8.78	ng		97
82) 3,3'-Dichlorobenzidine	21.687	252	30443	9.95	ng		92
83) Chrysene	21.846	228	75785	8.92	ng		94
84) Bis(2-ethylhexyl)phtha...	21.676	149	41327	8.72	ng	#	93
85) Di-n-octyl phthalate	22.933	149	73109	8.84	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.949	276	86224	9.24	ng	#	98
88) Benzo(b)fluoranthene	24.073	252	79512	9.20	ng		93
89) Benzo(k)fluoranthene	24.143	252	79168	9.52	ng		96
90) Benzo(a)pyrene	24.972	252	70448	8.84	ng		97
91) Dibenzo(a,h)anthracene	29.032	278	75123	9.43	ng		98
92) Benzo(g,h,i)perylene	30.160	276	71678	9.19	ng	#	96

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

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