Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063153.D
Acq On : 4 Nov 2024 12:43
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:23:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
11/05/2024
Supervised By :mohammad ahmed
11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	110241	20.000	ng		0.00
21) Naphthalene-d8	10.631	136	449976	20.000	ng	#	0.00
39) Acenaphthene-d10	14.474	164	339556	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	847739	20.000	ng		0.00
76) Chrysene-d12	21.477	240	961496	20.000	ng		0.00
86) Perylene-d12	24.509	264	1062308	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.432	112	733824	103.218	ng		0.00
7) Phenol-d6	7.018	99	1064689	114.281	ng		0.00
23) Nitrobenzene-d5	8.998	82	829561	80.182	ng		0.00
42) 2,4,6-Tribromophenol	15.972	330	636066	110.278	ng		0.00
45) 2-Fluorobiphenyl	13.099	172	1836716	80.116	ng		0.00
79) Terphenyl-d14	19.856	244	3619613	77.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	29938	10.717	ng		97
3) Pyridine	3.751	79	69211	10.264	ng		95
4) n-Nitrosodimethylamine	3.663	42	46570	11.118	ng		91
6) Aniline	7.171	93	117172	13.985	ng	#	92
8) 2-Chlorophenol	7.412	128	77989	11.812	ng		86
9) Benzaldehyde	6.983	77	84467	14.591	ng		91
10) Phenol	7.041	94	112320	11.254	ng		97
11) bis(2-Chloroethyl)ether	7.265	93	76727	11.398	ng		90
12) 1,3-Dichlorobenzene	7.735	146	85969	10.732	ng		93
13) 1,4-Dichlorobenzene	7.876	146	87989	10.775	ng		93
14) 1,2-Dichlorobenzene	8.193	146	85959	10.920	ng		96
15) Benzyl Alcohol	8.081	79	83516	11.156	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.358	45	150185	12.300	ng		98
17) 2-Methylphenol	8.281	107	66781	10.518	ng		96
18) Hexachloroethane	8.916	117	31873	10.907	ng		86
19) n-Nitroso-di-n-propyla...	8.640	70	72883	11.233	ng		98
20) 3+4-Methylphenols	8.610	107	94297	11.136	ng		89
22) Acetophenone	8.657	105	137031	11.365	ng	#	95
24) Nitrobenzene	9.039	77	110644	9.890	ng		96
25) Isophorone	9.556	82	200030	11.177	ng		97
26) 2-Nitrophenol	9.744	139	42554	10.343	ng	#	84
27) 2,4-Dimethylphenol	9.809	122	42163	8.336	ng		94
28) bis(2-Chloroethoxy)met...	10.044	93	106664	11.367	ng	#	98
29) 2,4-Dichlorophenol	10.285	162	81925	10.724	ng		94
30) 1,2,4-Trichlorobenzene	10.496	180	97737	10.401	ng		85
31) Naphthalene	10.678	128	260675	10.982	ng	#	97
32) Benzoic acid	9.926	122	31401m	7.124	ng		
33) 4-Chloroaniline	10.790	127	93331	11.651	ng		94
34) Hexachlorobutadiene	10.972	225	79050	10.222	ng		89
35) Caprolactam	11.536	113	26681	10.936	ng		94
36) 4-Chloro-3-methylphenol	11.918	107	94653	10.754	ng		97
37) 2-Methylnaphthalene	12.294	142	177611	10.548	ng		97
38) 1-Methylnaphthalene	12.512	142	169682	10.238	ng		96
40) 1,2,4,5-Tetrachloroben...	12.664	216	131512	10.778	ng		99
41) Hexachlorocyclopentadiene	12.647	237	33247	8.386	ng		97
43) 2,4,6-Trichlorophenol	12.905	196	74532	10.203	ng		88

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44) 2,4,5-Trichlorophenol	12.982	196	85913	10.696	ng		92
46) 1,1'-Biphenyl	13.305	154	260826	11.317	ng		100
47) 2-Chloronaphthalene	13.352	162	207140	10.732	ng		95
48) 2-Nitroaniline	13.552	65	70577	10.418	ng	#	80
49) Acenaphthylene	14.198	152	322705	11.843	ng		95
50) Dimethylphthalate	13.928	163	266835	11.026	ng		98
51) 2,6-Dinitrotoluene	14.045	165	50972	9.865	ng		95
52) Acenaphthene	14.539	154	181174	10.740	ng		99
53) 3-Nitroaniline	14.386	138	54281	11.065	ng	#	85
54) 2,4-Dinitrophenol	14.591	184	20607	6.539	ng	#	78
55) Dibenzofuran	14.873	168	336979	11.329	ng		97
56) 4-Nitrophenol	14.691	139	36399	9.800	ng		96
57) 2,4-Dinitrotoluene	14.838	165	78926	10.680	ng	#	93
58) Fluorene	15.526	166	254481	10.796	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.108	232	75322	9.772	ng		97
60) Diethylphthalate	15.297	149	275480	11.086	ng		98
61) 4-Chlorophenyl-phenyle...	15.520	204	163629	11.169	ng		96
62) 4-Nitroaniline	15.543	138	60670	11.209	ng		87
63) Azobenzene	15.814	77	298534	11.615	ng		99
65) 4,6-Dinitro-2-methylph...	15.608	198	50875	9.334	ng		90
66) n-Nitrosodiphenylamine	15.737	169	237041	11.208	ng		98
67) 4-Bromophenyl-phenylether	16.419	248	113526	10.927	ng	#	92
68) Hexachlorobenzene	16.536	284	123404	10.253	ng		93
69) Atrazine	16.683	200	107530	11.060	ng		97
70) Pentachlorophenol	16.877	266	47036	7.855	ng		98
71) Phenanthrene	17.265	178	458486	11.156	ng		98
72) Anthracene	17.359	178	441700	10.950	ng		99
73) Carbazole	17.629	167	403458	10.625	ng		98
74) Di-n-butylphthalate	18.193	149	454970	10.553	ng		99
75) Fluoranthene	19.286	202	599880	10.312	ng		98
77) Benzidine	19.468	184	170548	11.512	ng	#	94
78) Pyrene	19.650	202	634512	11.132	ng		98
80) Butylbenzylphthalate	20.543	149	202275	11.015	ng		93
81) Benzo(a)anthracene	21.460	228	686321	11.335	ng		93
82) 3,3'-Dichlorobenzidine	21.378	252	250019	11.137	ng		94
83) Chrysene	21.519	228	642839	11.302	ng		97
84) Bis(2-ethylhexyl)phtha...	21.378	149	287901	10.807	ng		97
85) Di-n-octyl phthalate	22.517	149	481285	10.798	ng		99
87) Indeno(1,2,3-cd)pyrene	27.923	276	809305	11.351	ng	#	95
88) Benzo(b)fluoranthene	23.546	252	659107	10.642	ng		100
89) Benzo(k)fluoranthene	23.610	252	695886	11.777	ng		98
90) Benzo(a)pyrene	24.362	252	624239	11.547	ng		97
91) Dibenzo(a,h)anthracene	27.970	278	655588	11.016	ng	#	95
92) Benzo(g,h,i)perylene	28.986	276	620367	10.546	ng	#	96

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

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