Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062620.D
Acq On : 3 Sep 2024 11:09
Operator : MA/JU
Sample : P3390-02
Misc : LOQ--SOIL-5ng
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 04:51:58 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

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

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.924	152	55785	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	245094	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	199844	20.000	ng		0.00
64) Phenanthrene-d10	17.290	188	560214	20.000	ng		0.00
76) Chrysene-d12	21.532	240	574875	20.000	ng		0.00
86) Perylene-d12	24.605	264	622917	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	378870	117.396	ng		0.00
7) Phenol-d6	7.090	99	532005	114.108	ng		0.00
23) Nitrobenzene-d5	9.076	82	421573	92.635	ng		0.00
42) 2,4,6-Tribromophenol	16.032	330	365407	129.926	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	1146723	92.945	ng		0.00
79) Terphenyl-d14	19.910	244	2436523	84.040	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	7766	5.776	ng		97
3) Pyridine	3.805	79	19809	5.114	ng		95
4) n-Nitrosodimethylamine	3.717	42	10337	5.489	ng	#	75
6) Aniline	7.248	93	26092	5.990	ng		98
8) 2-Chlorophenol	7.489	128	18316	5.286	ng		93
9) Benzaldehyde	7.060	77	19230	7.091	ng		94
10) Phenol	7.113	94	23798	5.042	ng		86
11) bis(2-Chloroethyl)ether	7.342	93	19593	5.422	ng		97
12) 1,3-Dichlorobenzene	7.812	146	20139	5.297	ng		94
13) 1,4-Dichlorobenzene	7.959	146	20456	5.228	ng		94
14) 1,2-Dichlorobenzene	8.271	146	19879	5.168	ng		96
15) Benzyl Alcohol	8.153	79	17086	4.953	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.435	45	35085	5.094	ng		99
17) 2-Methylphenol	8.359	107	15883	4.828	ng		96
18) Hexachloroethane	8.999	117	6815	4.645	ng	#	80
19) n-Nitroso-di-n-propyla...	8.717	70	18257	4.970	ng		97
20) 3+4-Methylphenols	8.688	107	22154	4.564	ng		92
22) Acetophenone	8.735	105	34855	5.272	ng	#	97
24) Nitrobenzene	9.117	77	26429	5.462	ng		99
25) Isophorone	9.634	82	50673	5.072	ng		99
26) 2-Nitrophenol	9.828	139	8378	4.582	ng		95
27) 2,4-Dimethylphenol	9.886	122	16214m	6.052	ng		
28) bis(2-Chloroethoxy)met...	10.121	93	26887	5.028	ng	#	96
29) 2,4-Dichlorophenol	10.362	162	18022	4.811	ng		95
30) 1,2,4-Trichlorobenzene	10.580	180	21789	4.907	ng		95
31) Naphthalene	10.762	128	63711	5.244	ng		98
32) Benzoic acid	9.945	122	8689m	3.016	ng		
33) 4-Chloroaniline	10.874	127	25558	5.346	ng	#	89
34) Hexachlorobutadiene	11.056	225	15527	5.007	ng		91
35) Caprolactam	11.614	113	7336	5.080	ng	#	89
36) 4-Chloro-3-methylphenol	11.990	107	21848	4.836	ng		96
37) 2-Methylnaphthalene	12.372	142	47531	5.045	ng		96
38) 1-Methylnaphthalene	12.589	142	47159	4.984	ng		96
40) 1,2,4,5-Tetrachloroben...	12.736	216	33160	5.518	ng		99
41) Hexachlorocyclopentadiene	12.724	237	5459	3.184	ng		91
43) 2,4,6-Trichlorophenol	12.977	196	19212	5.043	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	22399	5.191	ng		97
46) 1,1'-Biphenyl	13.376	154	74945	5.621	ng		96
47) 2-Chloronaphthalene	13.423	162	57085	5.283	ng		96
48) 2-Nitroaniline	13.623	65	13846	4.872	ng		91
49) Acenaphthylene	14.264	152	92030	5.751	ng		99
50) Dimethylphthalate	13.993	163	78403	5.365	ng		97
51) 2,6-Dinitrotoluene	14.117	165	11710	4.237	ng		93
52) Acenaphthene	14.610	154	54308	5.429	ng		99
53) 3-Nitroaniline	14.446	138	12747	4.766	ng		99
54) 2,4-Dinitrophenol	14.651	184	4575	2.949	ng		97
55) Dibenzofuran	14.939	168	96094	5.602	ng		96
56) 4-Nitrophenol	14.757	139	10162	4.483	ng		87
57) 2,4-Dinitrotoluene	14.904	165	17053	4.522	ng	#	99
58) Fluorene	15.592	166	75326	5.595	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.169	232	22214	5.435	ng		98
60) Diethylphthalate	15.362	149	78268	5.404	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	43963	5.688	ng		93
62) 4-Nitroaniline	15.603	138	14388	4.879	ng		95
63) Azobenzene	15.879	77	72766	5.350	ng		98
65) 4,6-Dinitro-2-methylph...	15.668	198	8642	3.457	ng		91
66) n-Nitrosodiphenylamine	15.797	169	68733	5.103	ng		99
67) 4-Bromophenyl-phenylether	16.479	248	29153	5.042	ng		95
68) Hexachlorobenzene	16.596	284	35498	5.184	ng		94
69) Atrazine	16.743	200	30606	6.690	ng		95
70) Pentachlorophenol	16.937	266	14771	3.368	ng		96
71) Phenanthrene	17.331	178	145464	5.563	ng		100
72) Anthracene	17.419	178	135290	5.262	ng		97
73) Carbazole	17.689	167	124241	5.257	ng		98
74) Di-n-butylphthalate	18.253	149	128826	4.833	ng		99
75) Fluoranthene	19.340	202	180375	5.454	ng		98
77) Benzidine	19.522	184	45039	4.347	ng		97
78) Pyrene	19.704	202	192216	5.260	ng		99
80) Butylbenzylphthalate	20.597	149	46279	4.312	ng		99
81) Benzo(a)anthracene	21.514	228	192331	5.304	ng		99
82) 3,3'-Dichlorobenzidine	21.432	252	62180	5.264	ng		97
83) Chrysene	21.579	228	188503	5.428	ng		99
84) Bis(2-ethylhexyl)phtha...	21.438	149	74936	4.595	ng		96
85) Di-n-octyl phthalate	22.595	149	125911	4.410	ng		99
87) Indeno(1,2,3-cd)pyrene	28.059	276	209604	5.248	ng	#	93
88) Benzo(b)fluoranthene	23.629	252	181272	5.269	ng		95
89) Benzo(k)fluoranthene	23.694	252	180411	5.360	ng		98
90) Benzo(a)pyrene	24.452	252	161465	5.312	ng		98
91) Dibenzo(a,h)anthracene	28.118	278	171468	5.211	ng		98
92) Benzo(g,h,i)perylene	29.134	276	165430	4.986	ng		97

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

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