Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062621.D
Acq On : 3 Sep 2024 11:49
Operator : MA/JU
Sample : P3390-02
Misc : LOQ--SOIL-5ng
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 04:52:46 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	7.923	152	60800	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	269921	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	224407	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	618166	20.000	ng		0.00
76) Chrysene-d12	21.537	240	635204	20.000	ng		0.00
86) Perylene-d12	24.610	264	697700	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	326513	92.827	ng		0.00
7) Phenol-d6	7.089	99	479798	94.422	ng		0.00
23) Nitrobenzene-d5	9.075	82	378602	75.541	ng		0.00
42) 2,4,6-Tribromophenol	16.037	330	328355	103.972	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	1046122	75.510	ng		0.00
79) Terphenyl-d14	19.909	244	2263713	70.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	7570	5.166	ng		94
3) Pyridine	3.810	79	16798	3.979	ng		98
4) n-Nitrosodimethylamine	3.716	42	9645	4.699	ng	#	69
6) Aniline	7.248	93	23885	5.031	ng		98
8) 2-Chlorophenol	7.488	128	15942	4.222	ng		93
9) Benzaldehyde	7.060	77	16824	5.692	ng		91
10) Phenol	7.112	94	21579	4.195	ng		89
11) bis(2-Chloroethyl)ether	7.342	93	16773	4.259	ng		99
12) 1,3-Dichlorobenzene	7.817	146	18127	4.374	ng		96
13) 1,4-Dichlorobenzene	7.958	146	17943	4.207	ng		96
14) 1,2-Dichlorobenzene	8.276	146	17514	4.178	ng		91
15) Benzyl Alcohol	8.158	79	15735	4.185	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.440	45	32634	4.348	ng		98
17) 2-Methylphenol	8.364	107	13593	3.791	ng	#	89
18) Hexachloroethane	8.998	117	6241	3.903	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	16212	4.049	ng	#	91
20) 3+4-Methylphenols	8.687	107	18531	3.503	ng		92
22) Acetophenone	8.740	105	30843	4.236	ng	#	97
24) Nitrobenzene	9.116	77	23584	4.426	ng		96
25) Isophorone	9.633	82	47617	4.328	ng	#	96
26) 2-Nitrophenol	9.827	139	7652	3.800	ng		97
27) 2,4-Dimethylphenol	9.892	122	14537m	4.927	ng		
28) bis(2-Chloroethoxy)met...	10.121	93	25585	4.344	ng	#	96
29) 2,4-Dichlorophenol	10.362	162	17027	4.128	ng		93
30) 1,2,4-Trichlorobenzene	10.579	180	20480	4.188	ng		100
31) Naphthalene	10.767	128	57803	4.321	ng		99
32) Benzoic acid	9.950	122	7775m	2.450	ng		
33) 4-Chloroaniline	10.873	127	23319	4.429	ng	#	92
34) Hexachlorobutadiene	11.055	225	14801	4.334	ng	#	84
35) Caprolactam	11.607	113	6913	4.347	ng		96
36) 4-Chloro-3-methylphenol	11.995	107	20051	4.030	ng		94
37) 2-Methylnaphthalene	12.371	142	43896	4.230	ng		94
38) 1-Methylnaphthalene	12.588	142	42975m	4.124	ng		
40) 1,2,4,5-Tetrachloroben...	12.741	216	30790	4.562	ng		99
41) Hexachlorocyclopentadiene	12.723	237	5213	2.707	ng		95
43) 2,4,6-Trichlorophenol	12.982	196	17960	4.198	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	20033	4.135	ng	#	95
46) 1,1'-Biphenyl	13.382	154	70265	4.693	ng		99
47) 2-Chloronaphthalene	13.423	162	52210	4.303	ng		96
48) 2-Nitroaniline	13.622	65	12493	3.915	ng		89
49) Acenaphthylene	14.269	152	83834	4.666	ng		97
50) Dimethylphthalate	13.998	163	72814	4.437	ng		98
51) 2,6-Dinitrotoluene	14.116	165	11701	3.770	ng		94
52) Acenaphthene	14.610	154	50039	4.455	ng		95
53) 3-Nitroaniline	14.445	138	11894	3.960	ng		88
54) 2,4-Dinitrophenol	14.657	184	3671	2.108	ng	#	89
55) Dibenzofuran	14.944	168	89762	4.660	ng		98
56) 4-Nitrophenol	14.756	139	9555	3.754	ng		89
57) 2,4-Dinitrotoluene	14.903	165	15570	3.677	ng		95
58) Fluorene	15.597	166	69638	4.606	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	19931	4.343	ng	#	97
60) Diethylphthalate	15.362	149	71520	4.397	ng		98
61) 4-Chlorophenyl-phenyle...	15.591	204	41007	4.725	ng		95
62) 4-Nitroaniline	15.602	138	12690	3.832	ng		95
63) Azobenzene	15.879	77	66771	4.372	ng		99
65) 4,6-Dinitro-2-methylph...	15.667	198	8123	2.945	ng		83
66) n-Nitrosodiphenylamine	15.802	169	63451	4.269	ng		99
67) 4-Bromophenyl-phenylether	16.484	248	27465	4.305	ng		95
68) Hexachlorobenzene	16.601	284	33013	4.369	ng	#	92
69) Atrazine	16.748	200	27632	5.474	ng		99
70) Pentachlorophenol	16.942	266	13460	2.781	ng		96
71) Phenanthrene	17.330	178	131053	4.542	ng		97
72) Anthracene	17.424	178	124892	4.402	ng		100
73) Carbazole	17.688	167	114570	4.393	ng		98
74) Di-n-butylphthalate	18.258	149	121002	4.114	ng		98
75) Fluoranthene	19.345	202	165578	4.537	ng		97
77) Benzidine	19.527	184	34570	3.020	ng		97
78) Pyrene	19.704	202	176339	4.367	ng		98
80) Butylbenzylphthalate	20.602	149	42549	3.588	ng		97
81) Benzo(a)anthracene	21.519	228	177970	4.442	ng		98
82) 3,3'-Dichlorobenzidine	21.437	252	58661	4.495	ng		96
83) Chrysene	21.578	228	169507	4.417	ng		98
84) Bis(2-ethylhexyl)phtha...	21.437	149	70004	3.885	ng	#	99
85) Di-n-octyl phthalate	22.600	149	114809	3.639	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.070	276	193695	4.330	ng	#	93
88) Benzo(b)fluoranthene	23.634	252	163587	4.245	ng		97
89) Benzo(k)fluoranthene	23.699	252	167816	4.452	ng		98
90) Benzo(a)pyrene	24.463	252	149092	4.379	ng		99
91) Dibenzo(a,h)anthracene	28.123	278	160291	4.349	ng		99
92) Benzo(g,h,i)perylene	29.145	276	152536	4.105	ng		97

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

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