Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062645.D
Acq On : 4 Sep 2024 16:18
Operator : MA/JU
Sample : P2403-02
Misc : LOQ-SOIL-10 ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 04 17:07:46 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	47524	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	197002	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	160206	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	447857	20.000	ng		0.00
76) Chrysene-d12	21.537	240	493411	20.000	ng		0.00
86) Perylene-d12	24.604	264	557097	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	308887	112.348	ng		0.00
7) Phenol-d6	7.089	99	438088	110.298	ng		0.00
23) Nitrobenzene-d5	9.075	82	310871	84.986	ng		0.00
42) 2,4,6-Tribromophenol	16.032	330	290715	128.943	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	817773	82.682	ng		0.00
79) Terphenyl-d14	19.909	244	1889335	75.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	13549	11.829	ng		96
3) Pyridine	3.805	79	32312	9.791	ng		96
4) n-Nitrosodimethylamine	3.717	42	15129	9.430	ng	#	93
6) Aniline	7.248	93	41157	11.091	ng		93
8) 2-Chlorophenol	7.489	128	28673	9.714	ng		96
9) Benzaldehyde	7.060	77	29279m	12.673	ng		
10) Phenol	7.113	94	39045	9.710	ng		99
11) bis(2-Chloroethyl)ether	7.342	93	29575	9.607	ng		98
12) 1,3-Dichlorobenzene	7.812	146	30561	9.435	ng		98
13) 1,4-Dichlorobenzene	7.959	146	32002	9.600	ng		89
14) 1,2-Dichlorobenzene	8.276	146	30088	9.182	ng		99
15) Benzyl Alcohol	8.152	79	26226	8.924	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	52086	8.877	ng		98
17) 2-Methylphenol	8.364	107	24518	8.748	ng		99
18) Hexachloroethane	9.004	117	11926	9.541	ng		95
19) n-Nitroso-di-n-propyla...	8.717	70	26471	8.458	ng		99
20) 3+4-Methylphenols	8.681	107	33657	8.140	ng		97
22) Acetophenone	8.740	105	50055	9.418	ng	#	95
24) Nitrobenzene	9.116	77	37665	9.684	ng		95
25) Isophorone	9.633	82	74147	9.234	ng		98
26) 2-Nitrophenol	9.833	139	13921	9.473	ng		98
27) 2,4-Dimethylphenol	9.886	122	20993	9.749	ng		96
28) bis(2-Chloroethoxy)met...	10.121	93	41013	9.541	ng		98
29) 2,4-Dichlorophenol	10.362	162	28843	9.580	ng		99
30) 1,2,4-Trichlorobenzene	10.579	180	34929	9.787	ng		97
31) Naphthalene	10.767	128	96281	9.860	ng		98
32) Benzoic acid	9.956	122	18090m	7.811	ng		
33) 4-Chloroaniline	10.867	127	39453	10.267	ng		94
34) Hexachlorobutadiene	11.055	225	23911	9.592	ng		95
35) Caprolactam	11.607	113	10717m	9.234	ng		
36) 4-Chloro-3-methylphenol	11.989	107	33121	9.120	ng		96
37) 2-Methylnaphthalene	12.371	142	71815	9.482	ng		95
38) 1-Methylnaphthalene	12.588	142	69678	9.162	ng		96
40) 1,2,4,5-Tetrachloroben...	12.735	216	49477	10.269	ng		98
41) Hexachlorocyclopentadiene	12.724	237	15214	11.068	ng		92
43) 2,4,6-Trichlorophenol	12.976	196	29242	9.574	ng		96

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Misc : LOQ-SOIL-10 ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 04 17:07:46 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.047	196	33634	9.724	ng		93
46)	1,1'-Biphenyl	13.382	154	109158	10.213	ng		97
47)	2-Chloronaphthalene	13.423	162	84871	9.798	ng		98
48)	2-Nitroaniline	13.623	65	22816	10.015	ng		98
49)	Acenaphthylene	14.269	152	135509	10.564	ng		97
50)	Dimethylphthalate	13.999	163	117958	10.069	ng	#	99
51)	2,6-Dinitrotoluene	14.116	165	20975	9.466	ng		98
52)	Acenaphthene	14.610	154	78238	9.757	ng		97
53)	3-Nitroaniline	14.445	138	21219	9.897	ng	#	92
54)	2,4-Dinitrophenol	14.651	184	10328	8.306	ng	#	84
55)	Dibenzofuran	14.945	168	140557	10.221	ng		98
56)	4-Nitrophenol	14.751	139	17852	9.825	ng		93
57)	2,4-Dinitrotoluene	14.903	165	30316	10.028	ng		92
58)	Fluorene	15.597	166	109184	10.117	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.168	232	34312	10.472	ng	#	95
60)	Diethylphthalate	15.362	149	113816	9.803	ng		96
61)	4-Chlorophenyl-phenyle...	15.591	204	63413	10.235	ng		96
62)	4-Nitroaniline	15.603	138	24771	10.478	ng		91
63)	Azobenzene	15.879	77	107808	9.888	ng		98
65)	4,6-Dinitro-2-methylph...	15.667	198	16089	8.050	ng		94
66)	n-Nitrosodiphenylamine	15.802	169	100002	9.287	ng		97
67)	4-Bromophenyl-phenylether	16.478	248	43969	9.513	ng		97
68)	Hexachlorobenzene	16.596	284	54560	9.967	ng		94
69)	Atrazine	16.748	200	44662	12.212	ng		97
70)	Pentachlorophenol	16.942	266	29187	8.325	ng		91
71)	Phenanthrene	17.330	178	218721	10.463	ng		96
72)	Anthracene	17.418	178	215156	10.468	ng		99
73)	Carbazole	17.688	167	186204	9.855	ng		99
74)	Di-n-butylphthalate	18.252	149	206461	9.689	ng		99
75)	Fluoranthene	19.345	202	272991	10.326	ng		99
77)	Benzidine	19.522	184	130664	14.693	ng		97
78)	Pyrene	19.704	202	295743	9.429	ng		98
80)	Butylbenzylphthalate	20.597	149	80051	8.689	ng		92
81)	Benzo(a)anthracene	21.513	228	315011	10.122	ng		97
82)	3,3'-Dichlorobenzidine	21.437	252	108882	10.740	ng		98
83)	Chrysene	21.578	228	306111	10.269	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.437	149	124749	8.913	ng	#	95
85)	Di-n-octyl phthalate	22.594	149	209153	8.535	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.059	276	357568	10.010	ng	#	91
88)	Benzo(b)fluoranthene	23.634	252	293243	9.530	ng		100
89)	Benzo(k)fluoranthene	23.693	252	298265	9.909	ng		100
90)	Benzo(a)pyrene	24.457	252	276932	10.187	ng		98
91)	Dibenzo(a,h)anthracene	28.117	278	293770	9.983	ng		98
92)	Benzo(g,h,i)perylene	29.140	276	274462	9.249	ng		98

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

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