Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
Data File : BG061054.D
Acq On : 29 Apr 2024 19:49
Operator : MA/JU
Sample : P2230-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 01:22:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SOILMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

04/30/2024
Supervised By :mohammad ahmed

05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	23735	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	95443	20.000	ng	#	0.00
39) Acenaphthene-d10	14.569	164	84976	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	205512	20.000	ng		0.00
76) Chrysene-d12	21.578	240	213092	20.000	ng		0.00
86) Perylene-d12	24.698	264	248080	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.533	112	162264	138.285	ng		0.00
7) Phenol-d6	7.119	99	205572	118.076	ng		0.01
23) Nitrobenzene-d5	9.099	82	172067	80.999	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	233543	125.156	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	525466	85.583	ng		0.00
79) Terphenyl-d14	19.939	244	1102578	80.315	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.453	88	13649	33.610	ng	#	37
3) Pyridine	3.846	79	30833	24.563	ng		93
4) n-Nitrosodimethylamine	3.752	42	45110	39.956	ng	#	94
6) Aniline	7.272	93	28564	13.651	ng	#	91
8) 2-Chlorophenol	7.513	128	66936	45.782	ng		98
9) Benzaldehyde	7.072	77	1979	2.210	ng	#	54
10) Phenol	7.142	94	74139	42.861	ng		92
11) bis(2-Chloroethyl)ether	7.360	93	52549	42.462	ng		92
12) 1,3-Dichlorobenzene	7.836	146	70079	43.223	ng		90
13) 1,4-Dichlorobenzene	7.977	146	69967	41.895	ng		95
14) 1,2-Dichlorobenzene	8.294	146	72433	44.379	ng		96
15) Benzyl Alcohol	8.177	79	75962	46.211	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.459	45	118927	44.146	ng		100
17) 2-Methylphenol	8.388	107	59833	42.840	ng		95
18) Hexachloroethane	9.023	117	27036	44.927	ng		89
19) n-Nitroso-di-n-propyla...	8.746	70	55124	42.485	ng		98
20) 3+4-Methylphenols	8.717	107	81856	41.907	ng		95
22) Acetophenone	8.758	105	113945	42.755	ng		99
24) Nitrobenzene	9.140	77	83936	41.119	ng		95
25) Isophorone	9.663	82	160715	45.207	ng		98
26) 2-Nitrophenol	9.851	139	41472	43.228	ng		89
27) 2,4-Dimethylphenol	9.916	122	58116	37.794	ng		99
28) bis(2-Chloroethoxy)met...	10.145	93	81650	43.659	ng		98
29) 2,4-Dichlorophenol	10.392	162	83097	46.822	ng		96
30) 1,2,4-Trichlorobenzene	10.603	180	89274	45.590	ng		95
31) Naphthalene	10.785	128	223154	42.707	ng		98
32) Benzoic acid	10.063	122	55340	47.233	ng		92
34) Hexachlorobutadiene	11.073	225	75313	43.733	ng		97
35) Caprolactam	11.672	113	23050m	40.776	ng		
36) 4-Chloro-3-methylphenol	12.031	107	95111	45.950	ng		97
37) 2-Methylnaphthalene	12.395	142	177905	43.303	ng		100
38) 1-Methylnaphthalene	12.612	142	167847	43.780	ng		97
40) 1,2,4,5-Tetrachloroben...	12.765	216	139260	46.115	ng		99
41) Hexachlorocyclopentadiene	12.742	237	157611	88.701	ng		97
43) 2,4,6-Trichlorophenol	13.006	196	92510	46.603	ng		94
44) 2,4,5-Trichlorophenol	13.083	196	105135	44.773	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.406	154	261107	45.617	ng	97
47) 2-Chloronaphthalene	13.447	162	207031	47.174	ng	97
48) 2-Nitroaniline	13.647	65	78247	44.177	ng	95
49) Acenaphthylene	14.293	152	340627	46.085	ng	98
50) Dimethylphthalate	14.028	163	314106	44.826	ng	98
51) 2,6-Dinitrotoluene	14.146	165	63291	43.288	ng	99
52) Acenaphthene	14.634	154	193748	43.140	ng	97
53) 3-Nitroaniline	14.475	138	21914	15.200	ng	97
54) 2,4-Dinitrophenol	14.687	184	95733	99.077	ng	96
55) Dibenzofuran	14.969	168	337576	43.528	ng	97
56) 4-Nitrophenol	14.804	139	88920	86.091	ng	99
57) 2,4-Dinitrotoluene	14.939	165	92844	44.090	ng	96
58) Fluorene	15.621	166	287026	43.848	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.198	232	136270	57.499	ng	100
60) Diethylphthalate	15.397	149	303294	43.951	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	171103	42.382	ng	96
62) 4-Nitroaniline	15.638	138	51654	33.228	ng	96
63) Azobenzene	15.909	77	240446	42.838	ng	98
65) 4,6-Dinitro-2-methylph...	15.703	198	63669	50.174	ng	98
66) n-Nitrosodiphenylamine	15.826	169	263240	46.493	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	125831	46.394	ng	98
68) Hexachlorobenzene	16.625	284	149929	50.045	ng	98
69) Atrazine	16.784	200	102032	48.149	ng	97
70) Pentachlorophenol	16.984	266	925820	471.280	ng	97
71) Phenanthrene	17.366	178	476550	45.429	ng	98
72) Anthracene	17.454	178	481001	44.522	ng	100
73) Carbazole	17.718	167	403887	45.013	ng	99
74) Di-n-butylphthalate	18.288	149	483769	44.409	ng	99
75) Fluoranthene	19.375	202	612019	43.962	ng	99
78) Pyrene	19.734	202	629423	43.381	ng	99
80) Butylbenzylphthalate	20.627	149	215530	44.567	ng	98
81) Benzo(a)anthracene	21.561	228	673801	44.975	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	52126	9.627	ng	98
83) Chrysene	21.625	228	632393	44.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.479	149	303127	43.113	ng	99
85) Di-n-octyl phthalate	22.665	149	517390	44.323	ng	99
87) Indeno(1,2,3-cd)pyrene	28.259	276	842915	48.980	ng	99
88) Benzo(b)fluoranthene	23.711	252	664222	47.247	ng	99
89) Benzo(k)fluoranthene	23.782	252	653767	46.066	ng	98
90) Benzo(a)pyrene	24.557	252	610626	44.874	ng	99
91) Dibenzo(a,h)anthracene	28.318	278	687460	48.894	ng	98
92) Benzo(g,h,i)perylene	29.363	276	642833	46.110	ng	100

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

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