Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049365.D
Acq On : 15 Jul 2021 17:16
Operator : CG/JU
Sample : PB137708BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS708

Manual Integrations APPROVED
mohammad
7/16/2021 10:54:24 AM

Quant Time: Jul 15 18:17:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	26129	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.887	136	106600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.712	164	73396	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.461	188	162233	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	164629	20.000	ng/ul	0.00
88) Perylene-d12	25.035	264	181260	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	4479	8.063	ng/uL	-0.02
4) Pyridine-d5	3.877	84	64926	39.751	ng/ul	0.00
7) Phenol-d5	7.220	99	87922	38.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	51255	38.881	ng/ul	0.00
11) 2-Chlorophenol-d4	7.596	132	65840	39.195	ng/ul	0.00
15) 4-Methylphenol-d8	8.777	113	72912	40.039	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	33439	40.879	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	40996	43.658	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.505	165	77521	42.308	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	84679	35.464	ng/ul	0.00
46) Dimethylphthalate-d6	14.112	166	236744	41.942	ng/ul	0.00
49) Acenaphthylene-d8	14.406	160	279338	42.178	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143	33747	36.121	ng/ul	0.00
60) Fluorene-d10	15.705	176	195508	40.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	40450	39.227	ng/ul	0.00
73) Anthracene-d10	17.561	188	321350	43.506	ng/ul	0.00
81) Pyrene-d10	19.847	212	377397	44.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.806	264	393294	41.740	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.495	88	8842	13.071	ng/uL#	84
5) Pyridine	3.895	79	63257	34.912	ng/ul	93
6) Benzaldehyde	7.197	77	57156	41.801	ng/ul	94
8) Phenol	7.250	94	87162	38.346	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.479	93	63382	37.502	ng/ul#	79
12) 2-Chlorophenol	7.632	128	65713	38.756	ng/ul	98
13) 2-Methylphenol	8.507	108	66846	38.608	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.589	45	108412	39.881	ng/ul	96
16) Acetophenone	8.895	105	111102	37.193	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.877	70	59586	39.257	ng/ul#	85
18) 4-Methylphenol	8.842	108	69561	38.619	ng/ul	99
19) Hexachloroethane	9.159	117	30624	39.890	ng/ul	81
22) Nitrobenzene	9.277	77	92588	40.136	ng/ul#	92
23) Isophorone	9.800	82	155904	39.124	ng/ul	97
25) 2-Nitrophenol	9.994	139	38822	40.524	ng/ul	95
26) 2,4-Dimethylphenol	10.046	107	84720	39.939	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.281	93	86293	40.617	ng/ul	92
29) 2,4-Dichlorophenol	10.528	162	69834	41.712	ng/ul	96
30) Naphthalene	10.940	128	213832	40.233	ng/ul	97
32) 4-Chloroaniline	11.045	127	82079	34.866	ng/ul	97
33) Hexachlorobutadiene	11.222	225	59578	41.964	ng/ul	98
34) Caprolactam	11.803	113	21069m	36.175	ng/ul	
35) 4-Chloro-3-methylphenol	12.168	107	77776	41.588	ng/ul#	90
36) 2-Methylnaphthalene	12.538	142	162526	40.248	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.761	142	156391	38.944	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.908	216	99134	43.003	ng/ul	95
40) Hexachlorocyclopentadiene	12.884	237	53519	34.957	ng/ul	95
41) 2,4,6-Trichlorophenol	13.143	196	64829	43.474	ng/ul	93
42) 2,4,5-Trichlorophenol	13.219	196	68322	43.076	ng/ul	94
43) 1,1'-Biphenyl	13.542	154	205443	41.431	ng/ul	98
44) 2-Chloronaphthalene	13.589	162	159553	41.068	ng/ul	99
45) 2-Nitroaniline	13.789	65	61557	43.217	ng/ul	89
47) Dimethylphthalate	14.159	163	214335	40.909	ng/ul	98
48) 2,6-Dinitrotoluene	14.283	165	45707	40.509	ng/ul	87
50) Acenaphthylene	14.435	152	243372	41.318	ng/ul	98
51) 3-Nitroaniline	14.618	138	39606	38.548	ng/ul#	94
52) Acenaphthene	14.776	153	177712	41.544	ng/ul	99
53) 2,4-Dinitrophenol	14.823	184	28450	39.785	ng/ul#	88
55) 4-Nitrophenol	14.923	109	45202	38.326	ng/ul	96
56) Dibenzofuran	15.111	168	247628	40.847	ng/ul	97
57) 2,4-Dinitrotoluene	15.070	165	64229	39.447	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.334	232	58129	39.083	ng/ul	93
59) Diethylphthalate	15.522	149	224255	39.820	ng/ul	98
61) Fluorene	15.757	166	207510	40.444	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.752	204	119529	42.377	ng/ul	98
63) 4-Nitroaniline	15.781	138	39798	39.457	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.834	198	37064	37.771	ng/ul#	91
67) N-Nitrosodiphenylamine	15.963	169	176277	42.677	ng/ul	97
68) 4-Bromophenyl-phenylether	16.645	248	78885	43.596	ng/ul	98
69) Hexachlorobenzene	16.768	284	90589	44.206	ng/ul	96
70) Atrazine	16.909	200	80044	42.343	ng/ul	96
71) Pentachlorophenol	17.109	266	49780	40.701	ng/ul	97
72) Phenanthrene	17.502	178	335936	42.454	ng/ul	98
74) Anthracene	17.596	178	333598	41.270	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.513	216	100292	45.315	ng/uL	96
76) Pentachlorobenzene	15.035	250	105128	44.776	ng/uL	98
77) Carbazole	17.861	167	296566	41.128	ng/ul	99
78) Di-n-butylphthalate	18.419	149	362681	40.199	ng/ul	99
80) Fluoranthene	19.512	202	417421	42.536	ng/ul	99
82) Pyrene	19.876	202	412668	42.204	ng/ul	98
83) Butylbenzylphthalate	20.752	149	162249	42.266	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.639	252	156698	40.739	ng/ul	98
85) Benzo(a)anthracene	21.727	228	421551	41.667	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.621	149	238866	42.662	ng/ul	98
87) Chrysene	21.792	228	398722	41.664	ng/ul	99
89) Di-n-octyl phthalate	22.855	149	403987	39.595	ng/ul	100
90) Benzo(b)fluoranthene	23.989	252	478908	42.828	ng/ul#	97
91) Benzo(k)fluoranthene	24.054	252	436424	40.028	ng/ul	96
93) Benzo(a)pyrene	24.876	252	404278	41.082	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.789	276	532433	41.935	ng/ul	98
95) Dibenzo(a,h)anthracene	28.866	278	440352	41.873	ng/ul	93
96) Benzo(g,h,i)perylene	29.976	276	441872	42.094	ng/ul#	93

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

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