Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049653.D
Acq On : 5 Aug 2021 17:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020474

Manual Integrations APPROVED
mohammad
8/6/2021 2:48:16 PM

Quant Time: Aug 06 04:04:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	23012	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	99770	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.689	164	66801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	147433	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	140532	20.000	ng/ul	0.00
88) Perylene-d12	24.999	264	152190	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4395	8.929	ng/uL	0.00
4) Pyridine-d5	3.851	84	30048	20.344	ng/ul	0.00
7) Phenol-d5	7.194	99	44035	21.085	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	24382	20.325	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	32211	21.549	ng/ul	0.00
15) 4-Methylphenol-d8	8.744	113	33204	20.852	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	15435	19.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.937	143	18753	20.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	34279	20.255	ng/ul	0.00
31) 4-Chloroaniline-d4	10.994	131	45439	19.613	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	104286	19.893	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	126417	20.269	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	16641	19.634	ng/ul	0.00
60) Fluorene-d10	15.688	176	89996	19.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	18758	18.904	ng/ul	0.00
73) Anthracene-d10	17.544	188	139673	20.070	ng/ul	0.00
81) Pyrene-d10	19.829	212	159333	20.578	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.770	264	167554	20.093	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	4416	7.403	ng/uL#	59
5) Pyridine	3.869	79	31390	19.169	ng/ul#	80
6) Benzaldehyde	7.176	77	20303m	18.241	ng/ul	
8) Phenol	7.223	94	43912	21.223	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.458	93	32919	22.932	ng/ul	96
12) 2-Chlorophenol	7.599	128	31902	21.342	ng/ul	97
13) 2-Methylphenol	8.480	108	32647	20.151	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.574	45	35665	21.739	ng/ul#	86
16) Acetophenone	8.868	105	55352	20.944	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.844	70	28562	20.103	ng/ul	99
18) 4-Methylphenol	8.809	108	36436	21.527	ng/ul	90
19) Hexachloroethane	9.132	117	14957	22.562	ng/ul	89
22) Nitrobenzene	9.256	77	48927	20.993	ng/ul	93
23) Isophorone	9.778	82	80182	20.345	ng/ul#	95
25) 2-Nitrophenol	9.972	139	18983	20.649	ng/ul#	93
26) 2,4-Dimethylphenol	10.025	107	43993	20.736	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.260	93	42430	21.250	ng/ul	98
29) 2,4-Dichlorophenol	10.507	162	33743	21.080	ng/ul	97
30) Naphthalene	10.912	128	112620	21.615	ng/ul	98
32) 4-Chloroaniline	11.024	127	43161	19.468	ng/ul	95
33) Hexachlorobutadiene	11.194	225	27013	20.545	ng/ul	91
34) Caprolactam	11.782	113	9936m	19.415	ng/ul	
35) 4-Chloro-3-methylphenol	12.140	107	39568	21.330	ng/ul	86
36) 2-Methylnaphthalene	12.516	142	79857	20.017	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	75590	19.471	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.886	216	44875	21.630	ng/ul	94
40) Hexachlorocyclopentadiene	12.862	237	19165	15.662	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.121	196	27258	20.531	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.203	196	28882	20.275	ng/ul	99
43) 1,1'-Biphenyl	13.526	154	104287	20.957	ng/ul	94
44) 2-Chloronaphthalene	13.567	162	83300	21.384	ng/ul	95
45) 2-Nitroaniline	13.773	65	29085	21.208	ng/ul	99
47) Dimethylphthalate	14.137	163	107527	20.665	ng/ul#	98
48) 2,6-Dinitrotoluene	14.261	165	22000	20.702	ng/ul	96
50) Acenaphthylene	14.413	152	126146	21.437	ng/ul	99
51) 3-Nitroaniline	14.595	138	17371	18.361	ng/ul#	96
52) Acenaphthene	14.754	153	89392	21.268	ng/ul	95
53) 2,4-Dinitrophenol	14.807	184	11447	19.551	ng/ul	95
55) 4-Nitrophenol	14.907	109	22326	20.142	ng/ul	98
56) Dibenzofuran	15.089	168	121087	20.767	ng/ul	95
57) 2,4-Dinitrotoluene	15.054	165	32039	20.901	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.318	232	26358	22.454	ng/ul	96
59) Diethylphthalate	15.500	149	107429	20.477	ng/ul	99
61) Fluorene	15.741	166	99550	20.995	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.729	204	53715	20.808	ng/ul	98
63) 4-Nitroaniline	15.759	138	14973	16.927	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.817	198	18228	19.603	ng/ul	97
67) N-Nitrosodiphenylamine	15.941	169	81306	20.009	ng/ul	94
68) 4-Bromophenyl-phenylether	16.628	248	36909	21.522	ng/ul	97
69) Hexachlorobenzene	16.745	284	39797	20.499	ng/ul	97
70) Atrazine	16.892	200	36791	20.582	ng/ul#	91
71) Pentachlorophenol	17.098	266	16759	18.025	ng/ul	98
72) Phenanthrene	17.486	178	161037	20.637	ng/ul	99
74) Anthracene	17.580	178	166603	21.343	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.491	216	42947	19.832	ng/uL	99
76) Pentachlorobenzene	15.012	250	47007	20.583	ng/uL	98
77) Carbazole	17.850	167	141532	20.290	ng/ul#	95
78) Di-n-butylphthalate	18.396	149	181720	21.308	ng/ul	99
80) Fluoranthene	19.495	202	203539	21.300	ng/ul	99
82) Pyrene	19.859	202	200943	21.083	ng/ul	100
83) Butylbenzylphthalate	20.734	149	78589	21.637	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.615	252	68834	20.689	ng/ul#	99
85) Benzo(a)anthracene	21.703	228	194547	21.085	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.598	149	114275	21.478	ng/ul	98
87) Chrysene	21.768	228	183960	21.348	ng/ul	98
89) Di-n-octyl phthalate	22.825	149	192679	20.297	ng/ul	100
90) Benzo(b)fluoranthene	23.953	252	206276m	20.737	ng/ul	
91) Benzo(k)fluoranthene	24.024	252	200746	20.325	ng/ul	99
93) Benzo(a)pyrene	24.840	252	181993	20.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.741	276	235808	20.520	ng/ul	99
95) Dibenzo(a,h)anthracene	28.800	278	192769	20.108	ng/ul	98
96) Benzo(g,h,i)perylene	29.916	276	197141	20.629	ng/ul	96

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

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