Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049227.D
Acq On : 8 Jul 2021 22:28
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD080305

Manual Integrations APPROVED
mohammad
7/9/2021 2:47:03 PM

Quant Time: Jul 09 02:37:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	30621	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.898	136	132128	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.723	164	95125	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.473	188	222190	20.000	ng/ul	0.00
79) Chrysene-d12	21.762	240	221813	20.000	ng/ul	0.00
88) Perylene-d12	25.064	264	233657	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	21840m	30.904	ng/uL	0.00
4) Pyridine-d5	3.883	84	163790	75.702	ng/ul	0.00
7) Phenol-d5	7.232	99	220044	82.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	124662	75.884	ng/ul	0.00
11) 2-Chlorophenol-d4	7.608	132	167968	90.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.789	113	176289	80.781	ng/ul	0.00
21) Nitrobenzene-d5	9.247	128	82953	90.673	ng/ul	0.00
24) 2-Nitrophenol-d4	9.970	143	100533	100.371	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	190008	77.199	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	236287	76.234	ng/ul	0.00
46) Dimethylphthalate-d6	14.124	166	580971	74.240	ng/ul	0.00
49) Acenaphthylene-d8	14.418	160	682455	79.419	ng/ul	0.00
54) 4-Nitrophenol-d4	14.929	143	97877	83.987	ng/ul	0.01
60) Fluorene-d10	15.716	176	492006	71.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.840	200	117361	103.363	ng/ul	0.01
73) Anthracene-d10	17.579	188	790479	77.868	ng/ul	0.00
81) Pyrene-d10	19.858	212	918907	81.009	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.847	264	988453	78.038	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.501	88	23256	32.792	ng/uL	96
5) Pyridine	3.901	79	180816	83.664	ng/ul	98
6) Benzaldehyde	7.208	77	133945	79.734	ng/ul	97
8) Phenol	7.255	94	218580	77.719	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.491	93	161460	78.724	ng/ul	88
12) 2-Chlorophenol	7.643	128	164059	83.610	ng/ul	97
13) 2-Methylphenol	8.519	108	168550	80.108	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.601	45	254912	105.198	ng/ul	97
16) Acetophenone	8.907	105	282365	78.926	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.901	70	147793	69.678	ng/ul	97
18) 4-Methylphenol	8.854	108	173722	78.650	ng/ul	91
19) Hexachloroethane	9.171	117	74636	81.627	ng/ul	94
22) Nitrobenzene	9.288	77	229675	76.153	ng/ul#	95
23) Isophorone	9.823	82	403469	64.721	ng/ul	99
25) 2-Nitrophenol	10.005	139	97177	85.195	ng/ul	97
26) 2,4-Dimethylphenol	10.058	107	213050	70.984	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.299	93	216471	68.977	ng/ul	93
29) 2,4-Dichlorophenol	10.546	162	170061	73.966	ng/ul	95
30) Naphthalene	10.951	128	528576	75.699	ng/ul	99
32) 4-Chloroaniline	11.057	127	231193	75.845	ng/ul	96
33) Hexachlorobutadiene	11.233	225	139311	63.699	ng/ul	95
34) Caprolactam	11.844	113	58732m	67.049	ng/ul	
35) 4-Chloro-3-methylphenol	12.179	107	192715	71.469	ng/ul	99
36) 2-Methylnaphthalene	12.555	142	405539	75.295	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.773	142	398832	74.764	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.919	216	241543	66.704	ng/ul#	97
40) Hexachlorocyclopentadiene	12.896	237	171319	65.154	ng/ul	98
41) 2,4,6-Trichlorophenol	13.160	196	161304	72.387	ng/ul	96
42) 2,4,5-Trichlorophenol	13.231	196	168284	70.355	ng/ul	88
43) 1,1'-Biphenyl	13.560	154	505670	71.840	ng/ul	98
44) 2-Chloronaphthalene	13.601	162	397483	72.091	ng/ul	98
45) 2-Nitroaniline	13.801	65	152244	89.386	ng/ul	95
47) Dimethylphthalate	14.177	163	530926	67.170	ng/ul#	98
48) 2,6-Dinitrotoluene	14.300	165	121142	89.488	ng/ul	87
50) Acenaphthylene	14.447	152	602097	73.068	ng/ul	98
51) 3-Nitroaniline	14.629	138	107828	82.848	ng/ul	98
52) Acenaphthene	14.788	153	440527	72.085	ng/ul	98
53) 2,4-Dinitrophenol	14.835	184	80805	89.724	ng/ul	93
55) 4-Nitrophenol	14.941	109	124744	80.820	ng/ul	96
56) Dibenzofuran	15.123	168	617555	71.141	ng/ul	98
57) 2,4-Dinitrotoluene	15.088	165	174237	89.476	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.346	232	162302	71.782	ng/ul	92
59) Diethylphthalate	15.540	149	575697	72.877	ng/ul	98
61) Fluorene	15.775	166	520442	70.433	ng/ul#	90
62) 4-Chlorophenyl-phenyle...	15.763	204	288551	64.376	ng/ul	98
63) 4-Nitroaniline	15.798	138	105755	78.039	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.851	198	111683	93.680	ng/ul#	99
67) N-Nitrosodiphenylamine	15.975	169	457241	74.296	ng/ul	100
68) 4-Bromophenyl-phenylether	16.656	248	208143	73.656	ng/ul	95
69) Hexachlorobenzene	16.780	284	228909	77.076	ng/ul	95
70) Atrazine	16.927	200	197983	71.483	ng/ul	96
71) Pentachlorophenol	17.120	266	143973	76.413	ng/ul	100
72) Phenanthrene	17.520	178	851108	75.441	ng/ul	96
74) Anthracene	17.614	178	846805	72.962	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.525	216	250523	71.917	ng/uL	98
76) Pentachlorobenzene	15.046	250	262983	72.070	ng/uL	99
77) Carbazole	17.878	167	776266	78.945	ng/ul	99
78) Di-n-butylphthalate	18.431	149	959233	77.943	ng/ul	99
80) Fluoranthene	19.523	202	1070662	76.064	ng/ul#	97
82) Pyrene	19.888	202	1025582	72.962	ng/ul	98
83) Butylbenzylphthalate	20.763	149	426665	84.876	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.650	252	409752	75.417	ng/ul	100
85) Benzo(a)anthracene	21.744	228	1062728	72.514	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.639	149	624163	85.174	ng/ul	99
87) Chrysene	21.809	228	1016307	72.521	ng/ul	98
89) Di-n-octyl phthalate	22.878	149	1050673	82.610	ng/ul	100
90) Benzo(b)fluoranthene	24.018	252	1162302	75.209	ng/ul	98
91) Benzo(k)fluoranthene	24.089	252	1097417	72.259	ng/ul	95
93) Benzo(a)pyrene	24.917	252	1017315	74.932	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.848	276	1337423	76.581	ng/ul	96
95) Dibenzo(a,h)anthracene	28.924	278	1091783	76.894	ng/ul	96
96) Benzo(g,h,i)perylene	30.052	276	1098452	77.599	ng/ul	94

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

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