Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049996.D
Acq On : 27 Aug 2021 6:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020497

Manual Integrations APPROVED
mohammad
8/27/2021 5:09:03 PM

Quant Time: Aug 27 07:17:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	28411	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.788	136	112235	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.630	164	75171	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	175362	20.000	ng/ul	-0.01
79) Chrysene-d12	21.656	240	169787	20.000	ng/ul	0.00
88) Perylene-d12	24.875	264	174558	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	4212	7.645	ng/uL	-0.01
4) Pyridine-d5	3.757	84	29134	17.555	ng/ul	-0.01
7) Phenol-d5	7.135	99	43522	18.040	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	24666	18.403	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.499	132	33449	18.530	ng/ul	-0.01
15) 4-Methylphenol-d8	8.685	113	32774	17.249	ng/ul	-0.01
21) Nitrobenzene-d5	9.138	128	17058	19.604	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.860	143	20240m	19.535	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.418	165	36992	20.017	ng/ul	0.00
31) 4-Chloroaniline-d4	10.924	131	45384	18.043	ng/ul	-0.01
46) Dimethylphthalate-d6	14.025	166	108498	18.860	ng/ul	-0.01
49) Acenaphthylene-d8	14.319	160	131846	19.546	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.854	143	13259	15.930	ng/ul	0.00
60) Fluorene-d10	15.623	176	95474	19.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.758	200	17946	15.907	ng/ul	0.00
73) Anthracene-d10	17.479	188	153277	19.465	ng/ul	-0.01
81) Pyrene-d10	19.770	212	176253	19.210	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.658	264	172922	18.672	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	4602	6.852	ng/uL	89
5) Pyridine	3.774	79	32333	18.027	ng/ul#	94
6) Benzaldehyde	7.099	77	30017	21.621	ng/ul	92
8) Phenol	7.164	94	44396	18.219	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.381	93	30607	18.195	ng/ul	97
12) 2-Chlorophenol	7.528	128	32292	18.103	ng/ul#	80
13) 2-Methylphenol	8.421	108	34317	18.254	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.492	45	31099	17.630	ng/ul	93
16) Acetophenone	8.797	105	56252	18.154	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.774	70	28978	18.625	ng/ul#	96
18) 4-Methylphenol	8.756	108	35673	17.638	ng/ul	92
19) Hexachloroethane	9.050	117	15205	19.477	ng/ul	92
22) Nitrobenzene	9.179	77	44360	18.815	ng/ul	95
23) Isophorone	9.702	82	75695	18.019	ng/ul#	94
25) 2-Nitrophenol	9.901	139	19678	19.535	ng/ul#	85
26) 2,4-Dimethylphenol	9.960	107	43956	19.635	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.183	93	40792	18.804	ng/ul	99
29) 2,4-Dichlorophenol	10.442	162	33618	19.820	ng/ul	96
30) Naphthalene	10.835	128	108057	19.262	ng/ul	96
32) 4-Chloroaniline	10.947	127	45364	18.727	ng/ul#	85
33) Hexachlorobutadiene	11.117	225	25857	18.844	ng/ul	94
34) Caprolactam	11.717	113	10939m	18.411	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	38231	18.860	ng/ul	97
36) 2-Methylnaphthalene	12.451	142	79318	19.021	ng/ul	100

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37) 1-Methylnaphthalene	12.668	142	78330	18.609	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.821	216	45280	20.508	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	15221	15.404	ng/ul	98
41) 2,4,6-Trichlorophenol	13.062	196	27349	19.438	ng/ul	84
42) 2,4,5-Trichlorophenol	13.150	196	27988	18.979	ng/ul	92
43) 1,1'-Biphenyl	13.455	154	99878	19.018	ng/ul	100
44) 2-Chloronaphthalene	13.502	162	82038	19.448	ng/ul	98
45) 2-Nitroaniline	13.708	65	27745	19.372	ng/ul	91
47) Dimethylphthalate	14.072	163	105895	18.599	ng/ul	97
48) 2,6-Dinitrotoluene	14.201	165	21885	18.618	ng/ul	92
50) Acenaphthylene	14.348	152	119928	19.453	ng/ul	98
51) 3-Nitroaniline	14.536	138	22916	20.203	ng/ul	99
52) Acenaphthene	14.689	153	84953	18.996	ng/ul	98
53) 2,4-Dinitrophenol	14.760	184	10361	17.258	ng/ul#	83
55) 4-Nitrophenol	14.871	109	17382m	16.471	ng/ul	
56) Dibenzofuran	15.024	168	116120	18.750	ng/ul	99
57) 2,4-Dinitrotoluene	15.000	165	33167	19.616	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.265	232	22960m	18.789	ng/ul	
59) Diethylphthalate	15.435	149	111164	19.086	ng/ul	98
61) Fluorene	15.676	166	103244	19.759	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.664	204	53150	19.225	ng/ul	96
63) 4-Nitroaniline	15.699	138	23992	21.196	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.770	198	15852	15.502	ng/ul#	93
67) N-Nitrosodiphenylamine	15.882	169	86921	18.827	ng/ul	96
68) 4-Bromophenyl-phenylether	16.563	248	37042	19.095	ng/ul	98
69) Hexachlorobenzene	16.686	284	41196	18.390	ng/ul	96
70) Atrazine	16.827	200	40224	19.611	ng/ul	97
71) Pentachlorophenol	17.039	266	19431	20.485	ng/ul	98
72) Phenanthrene	17.421	178	169266	19.362	ng/ul	97
74) Anthracene	17.515	178	172553	19.477	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.426	216	46091	19.590	ng/uL	94
76) Pentachlorobenzene	14.948	250	46203	18.533	ng/uL	95
77) Carbazole	17.785	167	155115	19.677	ng/ul	99
78) Di-n-butylphthalate	18.331	149	192786	19.122	ng/ul	98
80) Fluoranthene	19.436	202	217629	19.222	ng/ul#	98
82) Pyrene	19.800	202	214845	19.150	ng/ul	99
83) Butylbenzylphthalate	20.675	149	86992	19.648	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.544	252	78907	19.605	ng/ul	98
85) Benzo(a)anthracene	21.633	228	204250	19.306	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.521	149	119511	19.656	ng/ul#	98
87) Chrysene	21.697	228	195613	19.560	ng/ul	96
89) Di-n-octyl phthalate	22.731	149	196040	18.931	ng/ul	100
90) Benzo(b)fluoranthene	23.853	252	217158	19.448	ng/ul	96
91) Benzo(k)fluoranthene	23.918	252	199400	18.787	ng/ul	98
93) Benzo(a)pyrene	24.728	252	185080	19.086	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.576	276	241613	18.889	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.629	278	196890	18.387	ng/ul	96
96) Benzo(g,h,i)perylene	29.733	276	191634	17.820	ng/ul	99

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

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