Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049562.D
Acq On : 29 Jul 2021 16:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020468

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:07 PM

Quant Time: Jul 29 17:18:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	25123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	98507	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	70329	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	147602	20.000	ng/ul	0.00
79) Chrysene-d12	21.729	240	142681	20.000	ng/ul	0.00
88) Perylene-d12	25.007	264	141734	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.442	96	4180	7.612	ng/uL	0.00
4) Pyridine-d5	3.859	84	30350	19.242	ng/ul	0.00
7) Phenol-d5	7.202	99	41713	18.766	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	23485	18.655	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	31029	19.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	32391	19.333	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	15858	20.939	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	17810	20.068	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	34401	21.313	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	42725	18.993	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	102147	18.961	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	113652	18.163	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	16095	18.142	ng/ul	0.00
60) Fluorene-d10	15.691	176	88637	19.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	15920	17.406	ng/ul	0.00
73) Anthracene-d10	17.547	188	137869m	20.097	ng/ul	0.00
81) Pyrene-d10	19.832	212	152187	20.860	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	155534	20.879	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	5172	6.891	ng/uL#	75
5) Pyridine	3.883	79	33645	19.942	ng/ul#	90
6) Benzaldehyde	7.184	77	29898	22.542	ng/ul	97
8) Phenol	7.231	94	43974	20.252	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.460	93	29858	19.960	ng/ul	97
12) 2-Chlorophenol	7.613	128	32890	21.442	ng/ul	95
13) 2-Methylphenol	8.494	108	33160	20.037	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.577	45	35134	20.042	ng/ul	97
16) Acetophenone	8.876	105	57183	21.206	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.853	70	28549	20.532	ng/ul	97
18) 4-Methylphenol	8.817	108	34242	19.668	ng/ul	96
19) Hexachloroethane	9.135	117	14960	21.649	ng/ul#	81
22) Nitrobenzene	9.258	77	47423	20.972	ng/ul#	91
23) Isophorone	9.781	82	79798	21.059	ng/ul	98
25) 2-Nitrophenol	9.975	139	18615	22.288	ng/ul#	73
26) 2,4-Dimethylphenol	10.028	107	42649	21.426	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.268	93	39777	21.047	ng/ul	97
29) 2,4-Dichlorophenol	10.515	162	33997	21.546	ng/ul#	93
30) Naphthalene	10.921	128	106785	21.045	ng/ul	98
32) 4-Chloroaniline	11.032	127	44832	20.951	ng/ul	99
33) Hexachlorobutadiene	11.202	225	27779	23.027	ng/ul	99
34) Caprolactam	11.778	113	10074m	18.772	ng/ul	
35) 4-Chloro-3-methylphenol	12.148	107	39269	22.119	ng/ul#	88
36) 2-Methylnaphthalene	12.524	142	78333	21.093	ng/ul	95

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37) 1-Methylnaphthalene	12.742	142	79525	21.191	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.894	216	42835	20.492	ng/ul#	94
40) Hexachlorocyclopentadiene	12.871	237	24069	19.110	ng/ul	98
41) 2,4,6-Trichlorophenol	13.129	196	28688	22.333	ng/ul	92
42) 2,4,5-Trichlorophenol	13.206	196	30116	21.953	ng/ul	89
43) 1,1'-Biphenyl	13.529	154	101769	20.320	ng/ul	97
44) 2-Chloronaphthalene	13.576	162	81589	20.936	ng/ul	96
45) 2-Nitroaniline	13.775	65	30250	21.873	ng/ul	91
47) Dimethylphthalate	14.146	163	103846	19.822	ng/ul	97
48) 2,6-Dinitrotoluene	14.269	165	22148	21.183	ng/ul	93
50) Acenaphthylene	14.422	152	118791	19.879	ng/ul	97
51) 3-Nitroaniline	14.598	138	20913	20.055	ng/ul	100
52) Acenaphthene	14.762	153	84607	19.741	ng/ul	95
53) 2,4-Dinitrophenol	14.809	184	9921m	19.045	ng/ul	
55) 4-Nitrophenol	14.909	109	22489	18.694	ng/ul	93
56) Dibenzofuran	15.097	168	120227	20.775	ng/ul	97
57) 2,4-Dinitrotoluene	15.056	165	31640	21.349	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.326	232	25685	20.632	ng/ul#	96
59) Diethylphthalate	15.503	149	104279	19.232	ng/ul	99
61) Fluorene	15.743	166	98843	20.120	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.732	204	51974	20.323	ng/ul#	89
63) 4-Nitroaniline	15.761	138	21895	21.173	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.820	198	15137	17.978	ng/ul#	81
67) N-Nitrosodiphenylamine	15.949	169	83158	21.498	ng/ul	96
68) 4-Bromophenyl-phenylether	16.630	248	35160	21.393	ng/ul	96
69) Hexachlorobenzene	16.754	284	38735	20.831	ng/ul	96
70) Atrazine	16.895	200	37523	21.239	ng/ul	99
71) Pentachlorophenol	17.106	266	17445	20.262	ng/ul	96
72) Phenanthrene	17.488	178	161419	21.007	ng/ul	99
74) Anthracene	17.582	178	167408	21.499	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.499	216	45563	22.717	ng/uL	98
76) Pentachlorobenzene	15.021	250	48566	22.886	ng/uL	95
77) Carbazole	17.852	167	142050	20.405	ng/ul	98
78) Di-n-butylphthalate	18.404	149	176662	20.407	ng/ul	99
80) Fluoranthene	19.497	202	195612	22.081	ng/ul	99
82) Pyrene	19.861	202	194072	22.065	ng/ul	100
83) Butylbenzylphthalate	20.743	149	76551	22.355	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.624	252	66203	20.194	ng/ul#	93
85) Benzo(a)anthracene	21.712	228	185386	21.252	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.606	149	107884	21.229	ng/ul	98
87) Chrysene	21.776	228	176376	21.124	ng/ul	98
89) Di-n-octyl phthalate	22.834	149	177912	21.354	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	188028	21.166	ng/ul	99
91) Benzo(k)fluoranthene	24.032	252	187622	21.580	ng/ul	99
93) Benzo(a)pyrene	24.855	252	159224	20.660	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.761	276	217634m	22.132	ng/ul	
95) Dibenzo(a,h)anthracene	28.826	278	184781m	22.708	ng/ul	
96) Benzo(g,h,i)perylene	29.930	276	175412	21.456	ng/ul#	96

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

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