Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049280.D
Acq On : 11 Jul 2021 1:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020205

Manual Integrations APPROVED
mohammad
7/12/2021 12:35:37 PM

Quant Time: Jul 11 04:21:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 11 01:28:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	29638	20.000	ng/ul	0.00
20) Naphthalene-d8	10.894	136	121981	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.719	164	91930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	222597	20.000	ng/ul	0.00
79) Chrysene-d12	21.752	240	218940	20.000	ng/ul	0.00
88) Perylene-d12	25.043	264	231827	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	4772	7.574	ng/uL	0.00
4) Pyridine-d5	3.885	84	29954	16.168	ng/ul	0.00
7) Phenol-d5	7.222	99	49397	19.161	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	29426	19.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	36384	19.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.779	113	38078	18.434	ng/ul	0.00
21) Nitrobenzene-d5	9.238	128	18528	19.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.966	143	23036	21.438	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.513	165	41495	19.791	ng/ul	0.00
31) 4-Chloroaniline-d4	11.024	131	51267	18.763	ng/ul	0.00
46) Dimethylphthalate-d6	14.114	166	137876	19.502	ng/ul	0.00
49) Acenaphthylene-d8	14.408	160	166821	20.110	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	20601	17.605	ng/ul	0.00
60) Fluorene-d10	15.712	176	116542	19.470	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.824	200	23042	16.286	ng/ul	0.00
73) Anthracene-d10	17.563	188	194470	19.189	ng/ul	0.00
81) Pyrene-d10	19.849	212	232480	20.717	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.813	264	243598	20.214	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.497	88	5505m	7.174	ng/uL	
5) Pyridine	3.909	79	34779	16.922	ng/ul	95
6) Benzaldehyde	7.205	77	34984	22.557	ng/ul	99
8) Phenol	7.252	94	48088	18.651	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.487	93	34772	18.138	ng/ul#	86
12) 2-Chlorophenol	7.634	128	37186	19.335	ng/ul	90
13) 2-Methylphenol	8.515	108	37454	19.071	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.603	45	60265	19.545	ng/ul	99
16) Acetophenone	8.897	105	64948	19.168	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.879	70	33957	19.723	ng/ul	98
18) 4-Methylphenol	8.838	108	38546	18.866	ng/ul	94
19) Hexachloroethane	9.167	117	16682	19.157	ng/ul	91
22) Nitrobenzene	9.285	77	52513	19.894	ng/ul#	94
23) Isophorone	9.807	82	93199	20.439	ng/ul	99
25) 2-Nitrophenol	10.001	139	22218	20.268	ng/ul	93
26) 2,4-Dimethylphenol	10.054	107	49877	20.548	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.289	93	49625	20.413	ng/ul#	85
29) 2,4-Dichlorophenol	10.536	162	37545	19.598	ng/ul	92
30) Naphthalene	10.941	128	121478	19.974	ng/ul	96
32) 4-Chloroaniline	11.047	127	54065	20.070	ng/ul	93
33) Hexachlorobutadiene	11.229	225	33221	20.449	ng/ul	93
34) Caprolactam	11.805	113	12432	18.654	ng/ul	96
35) 4-Chloro-3-methylphenol	12.164	107	44874	20.969	ng/ul	90
36) 2-Methylnaphthalene	12.545	142	95373	20.640	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	94210	20.502	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.916	216	57549	19.931	ng/ul	94
40) Hexachlorocyclopentadiene	12.892	237	33348	17.390	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	36742	19.672	ng/ul	91
42) 2,4,5-Trichlorophenol	13.227	196	39659	19.963	ng/ul	92
43) 1,1'-Biphenyl	13.550	154	121330	19.535	ng/ul	99
44) 2-Chloronaphthalene	13.597	162	96563	19.844	ng/ul	99
45) 2-Nitroaniline	13.791	65	38417	21.534	ng/ul	90
47) Dimethylphthalate	14.161	163	130777	19.929	ng/ul	98
48) 2,6-Dinitrotoluene	14.285	165	27897	19.740	ng/ul	92
50) Acenaphthylene	14.437	152	151671	20.558	ng/ul	98
51) 3-Nitroaniline	14.614	138	26904	20.906	ng/ul	99
52) Acenaphthene	14.784	153	105974	19.779	ng/ul	98
53) 2,4-Dinitrophenol	14.825	184	18181	20.299	ng/ul	95
55) 4-Nitrophenol	14.925	109	28988	19.623	ng/ul	96
56) Dibenzofuran	15.113	168	152848	20.130	ng/ul	94
57) 2,4-Dinitrotoluene	15.072	165	41828	20.510	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.342	232	37746	20.262	ng/ul#	92
59) Diethylphthalate	15.524	149	141053	19.996	ng/ul	98
61) Fluorene	15.765	166	129877	20.210	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.753	204	70844	20.053	ng/ul	98
63) 4-Nitroaniline	15.777	138	28118	22.257	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.836	198	22878	16.992	ng/ul#	94
67) N-Nitrosodiphenylamine	15.965	169	111836	19.733	ng/ul	97
68) 4-Bromophenyl-phenylether	16.652	248	49775	20.048	ng/ul	91
69) Hexachlorobenzene	16.770	284	55762	19.832	ng/ul	96
70) Atrazine	16.911	200	49245	18.986	ng/ul	96
71) Pentachlorophenol	17.117	266	25035	14.918	ng/ul	98
72) Phenanthrene	17.510	178	214411	19.748	ng/ul	99
74) Anthracene	17.598	178	218605	19.710	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.515	216	61420	20.226	ng/uL	93
76) Pentachlorobenzene	15.037	250	62204	19.309	ng/uL	99
77) Carbazole	17.869	167	199659	20.180	ng/ul	99
78) Di-n-butylphthalate	18.421	149	239163	19.320	ng/ul	99
80) Fluoranthene	19.514	202	272369	20.870	ng/ul	98
82) Pyrene	19.878	202	271522	20.881	ng/ul	98
83) Butylbenzylphthalate	20.759	149	104948	20.557	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.641	252	103223	20.179	ng/ul	95
85) Benzo(a)anthracene	21.729	228	271037	20.144	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.629	149	149366	20.060	ng/ul	98
87) Chrysene	21.799	228	258006	20.272	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	249459	19.117	ng/ul	100
90) Benzo(b)fluoranthene	23.991	252	277315	19.390	ng/ul	100
91) Benzo(k)fluoranthene	24.061	252	271832m	19.494	ng/ul	
93) Benzo(a)pyrene	24.884	252	243617	19.356	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.803	276	321650	19.807	ng/ul	97
95) Dibenzo(a,h)anthracene	28.867	278	265159	19.714	ng/ul	96
96) Benzo(g,h,i)perylene	29.978	276	262912	19.582	ng/ul	93

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

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