Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056649.D
Acq On : 16 Feb 2023 10:51
Operator : CG/JU
Sample : SSTD00553
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005407

Quant Time: Feb 17 03:33:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.441	152	13988	20.000	ng/ul	0.00
20) Naphthalene-d8	11.279	136	58052	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	15.039	164	48231	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.772	188	131718m	20.000	ng/ul	0.00
79) Chrysene-d12	22.090	240	137999	20.000	ng/ul	0.00
88) Perylene-d12	25.633	264	149602	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.717	96	603	1.952	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.959	132	3509	4.250	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.599	128	1694	3.695	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.345	143	1848	3.083	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.874	165	4077	3.412	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.428	166	16295	4.258	ng/ul	0.00
49) Acenaphthylene-d8	14.740	160	19413	4.618	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	16.021	176	17270	4.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.871	188	30865	5.098	ng/ul	0.00
81) Pyrene-d10	20.128	212	37987	4.705	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.380	264	36686	4.782	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.753	88	913	2.652	ng/uL	98
12) 2-Chlorophenol	7.989	128	3682	4.535	ng/ul#	92
17) N-Nitroso-di-n-propyla...	9.234	70	4630	6.909	ng/ul#	94
19) Hexachloroethane	9.540	117	1306	4.133	ng/ul	93
22) Nitrobenzene	9.657	77	3952	3.796	ng/ul#	94
23) Isophorone	10.175	82	12646	5.763	ng/ul	96
25) 2-Nitrophenol	10.368	139	1903	3.290	ng/ul#	68
26) 2,4-Dimethylphenol	10.404	107	5354	4.519	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.650	93	7044	5.731	ng/ul#	92
29) 2,4-Dichlorophenol	10.903	162	4286	3.804	ng/ul#	88
30) Naphthalene	11.332	128	15100	4.970	ng/ul	97
33) Hexachlorobutadiene	11.608	225	4155	4.299	ng/ul	93
35) 4-Chloro-3-methylphenol	12.489	107	4358	3.943	ng/ul	91
36) 2-Methylnaphthalene	12.895	142	11503	4.956	ng/ul	96
37) 1-Methylnaphthalene	13.112	142	12086	5.064	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	13.253	216	7923	4.244	ng/ul	94
41) 2,4,6-Trichlorophenol	13.477	196	3894	3.285	ng/ul	97
42) 2,4,5-Trichlorophenol	13.547	196	4672	3.624	ng/ul	90
43) 1,1'-Biphenyl	13.882	154	16495	4.752	ng/ul	97
44) 2-Chloronaphthalene	13.929	162	13809	4.850	ng/ul	98
45) 2-Nitroaniline	14.117	65	2288	4.211	ng/ul	86
47) Dimethylphthalate	14.475	163	16753	4.429	ng/ul	97
48) 2,6-Dinitrotoluene	14.599	165	2241	2.822	ng/ul#	81
50) Acenaphthylene	14.763	152	21050	4.944	ng/ul#	95

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52) Acenaphthene	15.104	153	14605	4.957	ng/ul	97
56) Dibenzofuran	15.433	168	22798	5.005	ng/ul	97
57) 2,4-Dinitrotoluene	15.368	165	3998	3.533	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.645	232	4041	3.237	ng/ul#	89
59) Diethylphthalate	15.821	149	15508	4.410	ng/ul	97
61) Fluorene	16.079	166	17910	4.882	ng/ul	93
62) 4-Chlorophenyl-phenyle...	16.062	204	10714	4.671	ng/ul	93
67) N-Nitrosodiphenylamine	16.267	169	16441	4.677	ng/ul	98
68) 4-Bromophenyl-phenylether	16.955	248	7197	4.260	ng/ul	93
69) Hexachlorobenzene	17.078	284	8267	4.941	ng/ul	91
72) Phenanthrene	17.819	178	33174m	4.940	ng/ul	
74) Anthracene	17.907	178	34231	5.021	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.853	216	8297	4.179	ng/uL	95
76) Pentachlorobenzene	15.351	250	8745	4.305	ng/uL	98
78) Di-n-butylphthalate	18.700	149	24867	4.211	ng/ul	98
80) Fluoranthene	19.799	202	44920	4.704	ng/ul	99
82) Pyrene	20.157	202	46353	4.854	ng/ul#	97
83) Butylbenzylphthalate	21.027	149	10091	3.603	ng/ul	91
85) Benzo(a)anthracene	22.066	228	47633	5.006	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.943	149	16238	4.010	ng/ul	95
87) Chrysene	22.137	228	42298	4.780	ng/ul	99
90) Benzo(b)fluoranthene	24.499	252	45958m	4.601	ng/ul	
91) Benzo(k)fluoranthene	24.569	252	46518m	4.760	ng/ul	
93) Benzo(a)pyrene	25.462	252	40485	4.630	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.705	276	54523m	4.740	ng/ul	
95) Dibenzo(a,h)anthracene	29.787	278	45425m	4.725	ng/ul	
96) Benzo(g,h,i)perylene	30.974	276	43504m	4.678	ng/ul	

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

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