Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056788.D
Acq On : 2 Mar 2023 8:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020451

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 02 23:44:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.420	152	16859	20.000	ng/ul		0.00
20) Naphthalene-d8	11.258	136	68562	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	15.018	164	54553	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.756	188	134102	20.000	ng/ul		0.00
79) Chrysene-d12	22.063	240	129593	20.000	ng/ul		0.00
88) Perylene-d12	25.594	264	139311	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.702	96	3326	10.944	ng/uL		0.00
4) Pyridine-d5	4.137	84	26376	21.501	ng/ul		0.00
7) Phenol-d5	7.539	99	31735	18.811	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	19965	19.401	ng/ul		0.00
11) 2-Chlorophenol-d4	7.938	132	21029	18.770	ng/ul		0.00
15) 4-Methylphenol-d8	9.108	113	24254	18.815	ng/ul		0.00
21) Nitrobenzene-d5	9.589	128	11400	19.841	ng/ul		0.00
24) 2-Nitrophenol-d4	10.324	143	14119	20.643	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.858	165	27480	21.327	ng/ul		0.00
31) 4-Chloroaniline-d4	11.376	131	33129	19.713	ng/ul		0.00
46) Dimethylphthalate-d6	14.407	166	89338	20.297	ng/ul		0.00
49) Acenaphthylene-d8	14.719	160	103707	20.731	ng/ul		0.00
54) 4-Nitrophenol-d4	15.177	143	14258	18.789	ng/ul		0.00
60) Fluorene-d10	16.005	176	84186	20.677	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	18144	20.223	ng/ul		0.00
73) Anthracene-d10	17.850	188	132782	20.410	ng/ul		0.00
81) Pyrene-d10	20.112	212	160036	18.250	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.342	264	154896	20.599	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.737	88	3577	9.546	ng/uL	#	81
5) Pyridine	4.160	79	28061	21.600	ng/ul		90
6) Benzaldehyde	7.539	77	20727m	23.451	ng/ul		
8) Phenol	7.568	94	31596	18.361	ng/ul		95
10) Bis(2-Chloroethyl)ether	7.815	93	23351	19.098	ng/ul		98
12) 2-Chlorophenol	7.974	128	21071	18.992	ng/ul		96
13) 2-Methylphenol	8.843	108	23909	18.420	ng/ul		90
14) 2,2'-oxybis(1-Chloropr...	8.943	45	31343	19.077	ng/ul		95
16) Acetophenone	9.243	105	41650	18.868	ng/ul		99
17) N-Nitroso-di-n-propyla...	9.219	70	23619	18.648	ng/ul		96
18) 4-Methylphenol	9.166	108	26098	18.504	ng/ul		95
19) Hexachloroethane	9.519	117	9381	19.883	ng/ul		91
22) Nitrobenzene	9.636	77	37000	22.207	ng/ul		99
23) Isophorone	10.153	82	64821	19.899	ng/ul		99
25) 2-Nitrophenol	10.353	139	13807	20.451	ng/ul		94
26) 2,4-Dimethylphenol	10.394	107	32103	21.292	ng/ul		94
27) Bis(2-Chloroethoxy)met...	10.629	93	34315	20.841	ng/ul		98
29) 2,4-Dichlorophenol	10.882	162	26206	21.003	ng/ul		96
30) Naphthalene	11.305	128	76894	20.375	ng/ul		97
32) 4-Chloroaniline	11.405	127	33488	20.116	ng/ul		96
33) Hexachlorobutadiene	11.581	225	21201	21.320	ng/ul		88
34) Caprolactam	12.133	113	8594	20.260	ng/ul	#	77
35) 4-Chloro-3-methylphenol	12.480	107	29716	20.731	ng/ul		94
36) 2-Methylnaphthalene	12.880	142	56367	20.855	ng/ul		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	54906	20.604	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.238	216	42291	21.866	ng/ul	98
40) Hexachlorocyclopentadiene	13.215	237	26124	18.850	ng/ul	87
41) 2,4,6-Trichlorophenol	13.467	196	26750	20.699	ng/ul	98
42) 2,4,5-Trichlorophenol	13.538	196	29568	21.071	ng/ul	95
43) 1,1'-Biphenyl	13.861	154	83122	20.721	ng/ul	97
44) 2-Chloronaphthalene	13.914	162	69139	20.831	ng/ul	94
45) 2-Nitroaniline	14.096	65	23694	20.567	ng/ul	92
47) Dimethylphthalate	14.454	163	89511	19.998	ng/ul#	98
48) 2,6-Dinitrotoluene	14.578	165	18808	20.498	ng/ul#	94
50) Acenaphthylene	14.748	152	104701	20.718	ng/ul	99
51) 3-Nitroaniline	14.913	138	17501	21.312	ng/ul#	95
52) Acenaphthene	15.083	153	70645	20.349	ng/ul	98
53) 2,4-Dinitrophenol	15.112	184	11657	19.831	ng/ul	88
55) 4-Nitrophenol	15.189	109	18579m	21.151	ng/ul	
56) Dibenzofuran	15.412	168	108129	20.518	ng/ul	99
57) 2,4-Dinitrotoluene	15.359	165	26808	20.379	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.629	232	27169	20.805	ng/ul	100
59) Diethylphthalate	15.806	149	90386	20.173	ng/ul	98
61) Fluorene	16.058	166	85571	20.278	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.041	204	52082	20.837	ng/ul	99
63) 4-Nitroaniline	16.064	138	16365	20.396	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.117	198	17712	20.506	ng/ul#	98
67) N-Nitrosodiphenylamine	16.246	169	76608	20.543	ng/ul	98
68) 4-Bromophenyl-phenylether	16.934	248	36023	21.197	ng/ul	97
69) Hexachlorobenzene	17.057	284	38458	21.064	ng/ul	100
70) Atrazine	17.180	200	33276	20.546	ng/ul	99
71) Pentachlorophenol	17.398	266	20169	19.455	ng/ul	94
72) Phenanthrene	17.797	178	148991	20.511	ng/ul	99
74) Anthracene	17.886	178	150554	20.509	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.831	216	43874	21.386	ng/uL	94
76) Pentachlorobenzene	15.336	250	46087	22.150	ng/uL	97
77) Carbazole	18.150	167	125624	20.453	ng/ul	99
78) Di-n-butylphthalate	18.673	149	145550	20.561	ng/ul	99
80) Fluoranthene	19.777	202	187819	17.713	ng/ul	98
82) Pyrene	20.142	202	188113	18.008	ng/ul	98
83) Butylbenzylphthalate	21.000	149	63300	19.102	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.940	252	69803	21.483	ng/ul	97
85) Benzo(a)anthracene	22.045	228	191084	20.259	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.904	149	92460	19.862	ng/ul	99
87) Chrysene	22.116	228	177443	20.199	ng/ul	99
89) Di-n-octyl phthalate	23.215	149	155647	20.551	ng/ul	100
90) Benzo(b)fluoranthene	24.460	252	194873	20.895	ng/ul	98
91) Benzo(k)fluoranthene	24.531	252	187564	20.648	ng/ul	100
93) Benzo(a)pyrene	25.418	252	165351	20.170	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.654	276	225074	20.211	ng/ul	99
95) Dibenzo(a,h)anthracene	29.719	278	185213	19.891	ng/ul	92
96) Benzo(g,h,i)perylene	30.929	276	182528	20.519	ng/ul	95

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

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