Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052914.D
Acq On : 29 Mar 2022 6:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020551

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 29 08:12:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	29886	20.000	ng/ul	0.00
20) Naphthalene-d8	10.945	136	139235	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.758	164	111597	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.501	188	270276	20.000	ng/ul	0.00
79) Chrysene-d12	21.783	240	286176	20.000	ng/ul	0.00
88) Perylene-d12	25.091	264	293588	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.549	96	6359	7.516	ng/uL	0.00
4) Pyridine-d5	3.966	84	43760	20.717	ng/ul	0.00
7) Phenol-d5	7.279	99	59416	22.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.450	67	36246	22.171	ng/ul	0.00
11) 2-Chlorophenol-d4	7.667	132	40168	22.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.830	113	47204	24.344	ng/ul	0.00
21) Nitrobenzene-d5	9.294	128	21532	21.483	ng/ul	0.00
24) 2-Nitrophenol-d4	10.023	143	25007	23.655	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	49853	21.677	ng/ul	0.00
31) 4-Chloroaniline-d4	11.068	131	63863	21.010	ng/ul	0.00
46) Dimethylphthalate-d6	14.153	166	174165	20.315	ng/ul	0.00
49) Acenaphthylene-d8	14.446	160	208094	19.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	28525	19.789	ng/ul	0.00
60) Fluorene-d10	15.745	176	150458	19.987	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.850	200	28935	21.037	ng/ul	0.00
73) Anthracene-d10	17.595	188	250238	19.883	ng/ul	0.00
81) Pyrene-d10	19.880	212	308356	19.261	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.867	264	307003	20.238	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	7301m	7.043	ng/uL	
5) Pyridine	3.984	79	46964	20.577	ng/ul	91
6) Benzaldehyde	7.262	77	44613m	25.071	ng/ul	
8) Phenol	7.309	94	59300	22.986	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.544	93	42255	21.712	ng/ul	97
12) 2-Chlorophenol	7.697	128	39294	21.160	ng/ul	92
13) 2-Methylphenol	8.566	108	46257	23.070	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.660	45	70117	22.165	ng/ul	98
16) Acetophenone	8.954	105	73730	24.374	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.936	70	41151	23.335	ng/ul	96
18) 4-Methylphenol	8.889	108	49699	23.791	ng/ul#	77
19) Hexachloroethane	9.230	117	17094	20.747	ng/ul	82
22) Nitrobenzene	9.336	77	63171	21.571	ng/ul#	89
23) Isophorone	9.858	82	119225	21.299	ng/ul	99
25) 2-Nitrophenol	10.052	139	25895	23.622	ng/ul#	82
26) 2,4-Dimethylphenol	10.105	107	59267	21.819	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.340	93	62058	19.936	ng/ul	98
29) 2,4-Dichlorophenol	10.587	162	49530	22.151	ng/ul	98
30) Naphthalene	10.998	128	148308	20.583	ng/ul	99
32) 4-Chloroaniline	11.098	127	63237	21.172	ng/ul	98
33) Hexachlorobutadiene	11.292	225	36023	19.726	ng/ul	93
34) Caprolactam	11.838	113	16413m	24.372	ng/ul	
35) 4-Chloro-3-methylphenol	12.202	107	56123	23.138	ng/ul#	94
36) 2-Methylnaphthalene	12.596	142	108566	21.350	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.813	142	107478	20.878	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.960	216	72372	19.620	ng/ul	98
40) Hexachlorocyclopentadiene	12.942	237	44640	17.481	ng/ul	99
41) 2,4,6-Trichlorophenol	13.189	196	45975	20.397	ng/ul	93
42) 2,4,5-Trichlorophenol	13.260	196	50844	20.888	ng/ul	99
43) 1,1'-Biphenyl	13.589	154	153923	19.302	ng/ul	97
44) 2-Chloronaphthalene	13.636	162	124215	19.452	ng/ul	96
45) 2-Nitroaniline	13.824	65	45357	24.231	ng/ul	89
47) Dimethylphthalate	14.200	163	162081	19.810	ng/ul	99
48) 2,6-Dinitrotoluene	14.317	165	32828	22.150	ng/ul#	88
50) Acenaphthylene	14.482	152	197810	19.660	ng/ul	99
51) 3-Nitroaniline	14.646	138	34952	23.364	ng/ul	99
52) Acenaphthene	14.822	153	131020	19.933	ng/ul	98
53) 2,4-Dinitrophenol	14.852	184	18630	20.234	ng/ul#	50
55) 4-Nitrophenol	14.940	109	32510	21.430	ng/ul	96
56) Dibenzofuran	15.151	168	202412	20.772	ng/ul	99
57) 2,4-Dinitrotoluene	15.098	165	48760	23.187	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.374	232	47202	21.514	ng/ul#	97
59) Diethylphthalate	15.562	149	169879	20.502	ng/ul	99
61) Fluorene	15.803	166	160675	19.892	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.791	204	89065	20.722	ng/ul	95
63) 4-Nitroaniline	15.803	138	37477m	25.475	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.868	198	27936	20.758	ng/ul	98
67) N-Nitrosodiphenylamine	15.997	169	144777	19.812	ng/ul	97
68) 4-Bromophenyl-phenylether	16.684	248	63822	23.849	ng/ul	95
69) Hexachlorobenzene	16.808	284	71056	20.555	ng/ul#	90
70) Atrazine	16.943	200	61677	20.594	ng/ul	96
71) Pentachlorophenol	17.148	266	38235m	18.189	ng/ul	
72) Phenanthrene	17.542	178	285068	20.096	ng/ul	99
74) Anthracene	17.630	178	284102	20.033	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.559	216	78458	19.491	ng/uL	97
76) Pentachlorobenzene	15.075	250	77327	20.023	ng/uL	96
77) Carbazole	17.895	167	257560	20.550	ng/ul	98
78) Di-n-butylphthalate	18.453	149	292500	19.626	ng/ul	100
80) Fluoranthene	19.545	202	369994	19.612	ng/ul	99
82) Pyrene	19.909	202	365829	19.509	ng/ul	96
83) Butylbenzylphthalate	20.785	149	126461	19.397	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.672	252	133171	20.762	ng/ul	93
85) Benzo(a)anthracene	21.766	228	361089	19.550	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.666	149	179956	19.929	ng/ul#	97
87) Chrysene	21.830	228	341195	19.367	ng/ul	99
89) Di-n-octyl phthalate	22.905	149	303093	19.821	ng/ul	100
90) Benzo(b)fluoranthene	24.039	252	371389	19.591	ng/ul	99
91) Benzo(k)fluoranthene	24.110	252	353311	20.194	ng/ul	98
93) Benzo(a)pyrene	24.938	252	354478	19.805	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.880	276	403294	19.924	ng/ul	98
95) Dibenzo(a,h)anthracene	28.938	278	343385	19.959	ng/ul	98
96) Benzo(g,h,i)perylene	30.049	276	339570m	19.845	ng/ul	

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

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