Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052715.D
Acq On : 18 Mar 2022 18:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020538

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 19 00:00:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 00:55:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	42654	20.000	ng/ul	0.00
20) Naphthalene-d8	10.965	136	173825	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.772	164	121707	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.509	188	282882	20.000	ng/ul	0.00
79) Chrysene-d12	21.798	240	290990	20.000	ng/ul	0.00
88) Perylene-d12	25.117	264	304164	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	9154	7.581	ng/uL	0.00
4) Pyridine-d5	3.981	84	55836	18.522	ng/ul	0.00
7) Phenol-d5	7.294	99	72521	18.983	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	44809	19.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.681	132	50332	19.403	ng/ul	0.00
15) 4-Methylphenol-d8	8.845	113	53411	19.300	ng/ul	0.00
21) Nitrobenzene-d5	9.309	128	24521	19.597	ng/ul	0.00
24) 2-Nitrophenol-d4	10.037	143	25696	19.470	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.572	165	54850	19.104	ng/ul	0.00
31) 4-Chloroaniline-d4	11.089	131	71449	18.829	ng/ul	0.00
46) Dimethylphthalate-d6	14.167	166	174025	18.612	ng/ul	0.00
49) Acenaphthylene-d8	14.461	160	213913	18.828	ng/ul	0.00
54) 4-Nitrophenol-d4	14.936	143	29065	18.489	ng/ul	0.00
60) Fluorene-d10	15.759	176	154946	18.873	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	25924	18.008	ng/ul	0.00
73) Anthracene-d10	17.609	188	248964	18.900	ng/ul	0.00
81) Pyrene-d10	19.888	212	319632	19.635	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.888	264	300215	19.102	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.599	88	9353	6.322	ng/uL	94
5) Pyridine	3.998	79	59082	18.138	ng/ul	92
6) Benzaldehyde	7.282	77	53718	21.151	ng/ul	98
8) Phenol	7.323	94	70915	19.260	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.558	93	55014	19.806	ng/ul	95
12) 2-Chlorophenol	7.711	128	53415	20.154	ng/ul	92
13) 2-Methylphenol	8.580	108	54055	18.890	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.680	45	90908	20.135	ng/ul	97
16) Acetophenone	8.968	105	84060	19.470	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.950	70	47739	18.968	ng/ul#	94
18) 4-Methylphenol	8.909	108	56901	19.085	ng/ul	92
19) Hexachloroethane	9.244	117	22817	19.403	ng/ul	89
22) Nitrobenzene	9.350	77	71493	19.554	ng/ul	97
23) Isophorone	9.879	82	130427	18.663	ng/ul	98
25) 2-Nitrophenol	10.066	139	27489	20.086	ng/ul	90
26) 2,4-Dimethylphenol	10.119	107	65346	19.269	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.354	93	71063	18.286	ng/ul	99
29) 2,4-Dichlorophenol	10.601	162	52735	18.891	ng/ul	95
30) Naphthalene	11.018	128	166171	18.473	ng/ul	98
32) 4-Chloroaniline	11.112	127	70529	18.915	ng/ul	96
33) Hexachlorobutadiene	11.306	225	42074	18.455	ng/ul	96
34) Caprolactam	11.870	113	15080	17.936	ng/ul#	66
35) 4-Chloro-3-methylphenol	12.217	107	56958	18.810	ng/ul	93
36) 2-Methylnaphthalene	12.610	142	120667	19.008	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.827	142	119775	18.637	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.974	216	74338	18.479	ng/ul#	94
40) Hexachlorocyclopentadiene	12.957	237	52573	18.877	ng/ul	97
41) 2,4,6-Trichlorophenol	13.203	196	45621	18.559	ng/ul	92
42) 2,4,5-Trichlorophenol	13.274	196	50955	19.195	ng/ul	87
43) 1,1'-Biphenyl	13.609	154	162236	18.654	ng/ul	96
44) 2-Chloronaphthalene	13.650	162	131157	18.833	ng/ul	98
45) 2-Nitroaniline	13.838	65	38605	18.911	ng/ul	96
47) Dimethylphthalate	14.214	163	165246	18.520	ng/ul	99
48) 2,6-Dinitrotoluene	14.331	165	31174	19.287	ng/ul	94
50) Acenaphthylene	14.490	152	204511	18.638	ng/ul	97
51) 3-Nitroaniline	14.654	138	33442	20.498	ng/ul#	96
52) Acenaphthene	14.831	153	135476	18.899	ng/ul	98
53) 2,4-Dinitrophenol	14.854	184	21197	21.109	ng/ul	96
55) 4-Nitrophenol	14.948	109	31425	18.994	ng/ul	97
56) Dibenzofuran	15.165	168	199346	18.758	ng/ul	97
57) 2,4-Dinitrotoluene	15.113	165	44056	19.210	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.383	232	46344	19.368	ng/ul#	96
59) Diethylphthalate	15.577	149	173491	19.198	ng/ul	99
61) Fluorene	15.812	166	161733	18.360	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.806	204	87597	18.688	ng/ul	98
63) 4-Nitroaniline	15.812	138	35109	21.883	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.876	198	26294	18.668	ng/ul#	97
67) N-Nitrosodiphenylamine	16.011	169	145604	19.037	ng/ul	97
68) 4-Bromophenyl-phenylether	16.699	248	52599	18.779	ng/ul	94
69) Hexachlorobenzene	16.822	284	70171	19.394	ng/ul	97
70) Atrazine	16.957	200	59402	18.951	ng/ul	100
71) Pentachlorophenol	17.157	266	41099m	18.680	ng/ul	
72) Phenanthrene	17.556	178	282411	19.022	ng/ul	100
74) Anthracene	17.644	178	284478	19.166	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.573	216	80978	19.220	ng/uL	94
76) Pentachlorobenzene	15.089	250	77812	19.250	ng/uL	97
77) Carbazole	17.903	167	255664	19.490	ng/ul	96
78) Di-n-butylphthalate	18.467	149	306245	19.632	ng/ul	99
80) Fluoranthene	19.560	202	370168	19.296	ng/ul	99
82) Pyrene	19.918	202	367357	19.267	ng/ul	98
83) Butylbenzylphthalate	20.805	149	129988	19.608	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.686	252	132507	20.317	ng/ul	97
85) Benzo(a)anthracene	21.780	228	358427	19.085	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.686	149	181891	19.810	ng/ul	99
87) Chrysene	21.845	228	343917	19.199	ng/ul	99
89) Di-n-octyl phthalate	22.937	149	304572	19.225	ng/ul	100
90) Benzo(b)fluoranthene	24.059	252	364948	18.581	ng/ul	99
91) Benzo(k)fluoranthene	24.130	252	342620	18.902	ng/ul	98
93) Benzo(a)pyrene	24.964	252	344434	18.575	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.906	276	398667	19.010	ng/ul	99
95) Dibenzo(a,h)anthracene	28.976	278	342153	19.196	ng/ul	97
96) Benzo(g,h,i)perylene	30.086	276	335771	18.941	ng/ul	97

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

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