Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052970.D
Acq On : 31 Mar 2022 5:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020556

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/06/2022

Quant Time: Mar 31 17:19:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 31 00:50:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	26325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.942	136	118855	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.754	164	100538	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	253896	20.000	ng/ul	0.00
79) Chrysene-d12	21.780	240	266863	20.000	ng/ul	0.00
88) Perylene-d12	25.087	264	281322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	5340	7.165	ng/uL	0.00
4) Pyridine-d5	3.963	84	34841	18.726	ng/ul	0.00
7) Phenol-d5	7.276	99	47945	20.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.447	67	29936	20.788	ng/ul	0.00
11) 2-Chlorophenol-d4	7.664	132	32699	20.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.827	113	37309	21.844	ng/ul	0.00
21) Nitrobenzene-d5	9.291	128	17875	20.893	ng/ul	0.00
24) 2-Nitrophenol-d4	10.020	143	20186	22.369	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	39781	20.264	ng/ul	0.00
31) 4-Chloroaniline-d4	11.071	131	52588	20.268	ng/ul	0.00
46) Dimethylphthalate-d6	14.149	166	151191	19.575	ng/ul	0.00
49) Acenaphthylene-d8	14.449	160	176782	18.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.925	143	27008	20.798	ng/ul	0.00
60) Fluorene-d10	15.741	176	133230	19.645	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	27668	21.414	ng/ul	0.00
73) Anthracene-d10	17.592	188	229615	19.421	ng/ul	0.00
81) Pyrene-d10	19.877	212	290121	19.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.853	264	276150	18.998	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	6323m	6.925	ng/uL	
5) Pyridine	3.981	79	37507	18.657	ng/ul	91
6) Benzaldehyde	7.265	77	35317m	22.531	ng/ul	
8) Phenol	7.306	94	47169	20.757	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.541	93	34671	20.225	ng/ul	98
12) 2-Chlorophenol	7.693	128	33028	20.192	ng/ul	91
13) 2-Methylphenol	8.569	108	36630	20.740	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.663	45	58663	21.053	ng/ul	97
16) Acetophenone	8.951	105	61711	23.160	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.933	70	36241	23.331	ng/ul	98
18) 4-Methylphenol	8.892	108	41350	22.472	ng/ul	95
19) Hexachloroethane	9.227	117	14805	20.399	ng/ul	93
22) Nitrobenzene	9.332	77	51900	20.761	ng/ul	94
23) Isophorone	9.855	82	101232	21.185	ng/ul	97
25) 2-Nitrophenol	10.049	139	20632	22.048	ng/ul	97
26) 2,4-Dimethylphenol	10.102	107	48568	20.946	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.337	93	51673	19.446	ng/ul#	96
29) 2,4-Dichlorophenol	10.584	162	38006	19.912	ng/ul	99
30) Naphthalene	10.995	128	117226	19.059	ng/ul#	96
32) 4-Chloroaniline	11.095	127	52270	20.501	ng/ul	96
33) Hexachlorobutadiene	11.289	225	30662	19.670	ng/ul	97
34) Caprolactam	11.841	113	13802m	24.009	ng/ul	
35) 4-Chloro-3-methylphenol	12.205	107	48229	23.293	ng/ul#	91
36) 2-Methylnaphthalene	12.593	142	90193	20.778	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	91028	20.714	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.957	216	60426	18.184	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	38188	16.599	ng/ul	92
41) 2,4,6-Trichlorophenol	13.192	196	38164	18.794	ng/ul	99
42) 2,4,5-Trichlorophenol	13.256	196	42849	19.540	ng/ul	99
43) 1,1'-Biphenyl	13.591	154	129526	18.029	ng/ul	98
44) 2-Chloronaphthalene	13.632	162	101837	17.702	ng/ul	99
45) 2-Nitroaniline	13.820	65	37435	22.199	ng/ul	94
47) Dimethylphthalate	14.196	163	146817	19.919	ng/ul	100
48) 2,6-Dinitrotoluene	14.314	165	29313	21.954	ng/ul#	94
50) Acenaphthylene	14.472	152	170443	18.803	ng/ul	99
51) 3-Nitroaniline	14.643	138	30899	22.927	ng/ul#	97
52) Acenaphthene	14.819	153	112391	18.980	ng/ul	98
53) 2,4-Dinitrophenol	14.848	184	16173	19.498	ng/ul#	55
55) 4-Nitrophenol	14.937	109	31509	23.055	ng/ul	94
56) Dibenzofuran	15.148	168	170216	19.389	ng/ul	98
57) 2,4-Dinitrotoluene	15.101	165	44480	23.479	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.371	232	41386	20.938	ng/ul#	98
59) Diethylphthalate	15.553	149	153424	20.553	ng/ul	99
61) Fluorene	15.794	166	142940	19.643	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.788	204	77919	20.123	ng/ul	97
63) 4-Nitroaniline	15.800	138	32877	24.806	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.865	198	26947	21.315	ng/ul	92
67) N-Nitrosodiphenylamine	15.994	169	128726	18.752	ng/ul	96
68) 4-Bromophenyl-phenylether	16.681	248	57142	22.730	ng/ul	93
69) Hexachlorobenzene	16.805	284	63705	19.617	ng/ul	93
70) Atrazine	16.940	200	56974	20.251	ng/ul	97
71) Pentachlorophenol	17.145	266	36016m	18.238	ng/ul	
72) Phenanthrene	17.539	178	260514	19.550	ng/ul	98
74) Anthracene	17.627	178	260727	19.571	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	65299	17.268	ng/uL	98
76) Pentachlorobenzene	15.072	250	66594	18.356	ng/uL	97
77) Carbazole	17.891	167	236843	20.116	ng/ul	97
78) Di-n-butylphthalate	18.449	149	272546	19.467	ng/ul	98
80) Fluoranthene	19.542	202	343269	19.512	ng/ul	96
82) Pyrene	19.906	202	337167	19.282	ng/ul#	94
83) Butylbenzylphthalate	20.782	149	118202	19.442	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.669	252	120339	20.119	ng/ul	95
85) Benzo(a)anthracene	21.757	228	327824	19.033	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.657	149	164419	19.526	ng/ul#	98
87) Chrysene	21.827	228	306023	18.628	ng/ul	99
89) Di-n-octyl phthalate	22.896	149	277298	18.924	ng/ul	100
90) Benzo(b)fluoranthene	24.036	252	336901	18.546	ng/ul	96
91) Benzo(k)fluoranthene	24.101	252	319175m	19.038	ng/ul	
93) Benzo(a)pyrene	24.929	252	318915	18.595	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.859	276	361607	18.643	ng/ul	99
95) Dibenzo(a,h)anthracene	28.929	278	302401	18.343	ng/ul	96
96) Benzo(g,h,i)perylene	30.045	276	309836	18.897	ng/ul	99

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

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