Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
Data File : BG052017.D
Acq On : 17 Jan 2022 10:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020490

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 17 12:26:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	28058	20.000	ng/ul	0.00
20) Naphthalene-d8	11.095	136	115915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.896	164	79799	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.645	188	199745	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	173799	20.000	ng/ul	# 0.02
88) Perylene-d12	25.476	264	176286	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	5225	6.654	ng/uL	0.00
4) Pyridine-d5	4.005	84	38902	15.937	ng/ul	0.00
7) Phenol-d5	7.394	99	48933	17.819	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.559	67	30668	17.592	ng/ul	0.00
11) 2-Chlorophenol-d4	7.776	132	34625	19.044	ng/ul	0.00
15) 4-Methylphenol-d8	8.957	113	37647	17.635	ng/ul	0.00
21) Nitrobenzene-d5	9.421	128	17759	19.389	ng/ul	0.00
24) 2-Nitrophenol-d4	10.155	143	20561	20.297	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.708	165	40756	20.583	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	50592	18.347	ng/ul	0.00
46) Dimethylphthalate-d6	14.285	166	122594	18.586	ng/ul	0.00
49) Acenaphthylene-d8	14.591	160	158761	19.926	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	21101	19.134	ng/ul	0.00
60) Fluorene-d10	15.889	176	109662	19.069	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	21900	17.380	ng/ul	0.01
73) Anthracene-d10	17.745	188	186133	19.644	ng/ul	0.00
81) Pyrene-d10	20.024	212	218002	21.795	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.229	264	179300	19.320	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	5489	6.059	ng/uL	84
5) Pyridine	4.023	79	41014	16.038	ng/ul	99
6) Benzaldehyde	7.371	77	34891	19.100	ng/ul	96
8) Phenol	7.418	94	50710	18.092	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.653	93	36957	18.012	ng/ul	94
12) 2-Chlorophenol	7.817	128	36634	19.806	ng/ul	93
13) 2-Methylphenol	8.693	108	36046	17.685	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.781	45	54356	17.369	ng/ul#	97
16) Acetophenone	9.075	105	58906	17.484	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.057	70	36910	17.932	ng/ul	99
18) 4-Methylphenol	9.016	108	39414	17.851	ng/ul	90
19) Hexachloroethane	9.356	117	14758	18.481	ng/ul#	82
22) Nitrobenzene	9.468	77	51181	18.015	ng/ul	95
23) Isophorone	9.991	82	94757	17.642	ng/ul	100
25) 2-Nitrophenol	10.191	139	21404	19.226	ng/ul	88
26) 2,4-Dimethylphenol	10.238	107	45500	18.835	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.473	93	50622	18.305	ng/ul	99
29) 2,4-Dichlorophenol	10.731	162	37294	19.178	ng/ul	98
30) Naphthalene	11.142	128	121918	19.410	ng/ul	96
32) 4-Chloroaniline	11.242	127	52213	18.580	ng/ul	95
33) Hexachlorobutadiene	11.430	225	28646	18.480	ng/ul	99
34) Caprolactam	11.982	113	13993	18.489	ng/ul	93
35) 4-Chloro-3-methylphenol	12.352	107	42445	18.905	ng/ul	96
36) 2-Methylnaphthalene	12.734	142	84716	18.934	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.957	142	87763	19.113	ng/ul	88
39) 1,2,4,5-Tetrachloroben...	13.104	216	53638	19.437	ng/ul	98
40) Hexachlorocyclopentadiene	13.087	237	25964	13.712	ng/ul	94
41) 2,4,6-Trichlorophenol	13.333	196	34352	19.696	ng/ul	96
42) 2,4,5-Trichlorophenol	13.410	196	37380	19.881	ng/ul	94
43) 1,1'-Biphenyl	13.733	154	120611	19.578	ng/ul#	92
44) 2-Chloronaphthalene	13.780	162	92393	19.365	ng/ul	99
45) 2-Nitroaniline	13.974	65	34000	18.595	ng/ul	94
47) Dimethylphthalate	14.332	163	116644	17.934	ng/ul	100
48) 2,6-Dinitrotoluene	14.455	165	26108	19.039	ng/ul	94
50) Acenaphthylene	14.620	152	156858	19.993	ng/ul	97
51) 3-Nitroaniline	14.784	138	25938	20.910	ng/ul	92
52) Acenaphthene	14.961	153	101464	19.450	ng/ul	98
53) 2,4-Dinitrophenol	14.990	184	11069	13.691	ng/ul	91
55) 4-Nitrophenol	15.090	109	21774	17.206	ng/ul	87
56) Dibenzofuran	15.296	168	147337	19.447	ng/ul	98
57) 2,4-Dinitrotoluene	15.243	165	37598	18.964	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.519	232	34434	19.745	ng/ul#	88
59) Diethylphthalate	15.689	149	122390	18.240	ng/ul	96
61) Fluorene	15.942	166	121786	19.290	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.930	204	65120	18.587	ng/ul	92
63) 4-Nitroaniline	15.948	138	26592	20.865	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.006	198	19825	16.456	ng/ul	97
67) N-Nitrosodiphenylamine	16.136	169	106817	19.901	ng/ul	95
68) 4-Bromophenyl-phenylether	16.829	248	43983	18.809	ng/ul#	87
69) Hexachlorobenzene	16.958	284	50025	19.289	ng/ul#	88
70) Atrazine	17.081	200	47918	19.243	ng/ul	94
71) Pentachlorophenol	17.299	266	24889	17.185	ng/ul	96
72) Phenanthrene	17.692	178	201857	19.286	ng/ul	98
74) Anthracene	17.780	178	203009	19.377	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.704	216	58166	19.389	ng/uL	97
76) Pentachlorobenzene	15.219	250	59304	20.311	ng/uL	99
77) Carbazole	18.045	167	185772	19.678	ng/ul	99
78) Di-n-butylphthalate	18.591	149	213944	19.172	ng/ul	99
80) Fluoranthene	19.695	202	253784	21.955	ng/ul#	90
82) Pyrene	20.054	202	247086	21.711	ng/ul#	90
83) Butylbenzylphthalate	20.923	149	83331	21.040	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.851	252	85281	21.257	ng/ul#	92
85) Benzo(a)anthracene	21.951	228	221785	19.404	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.834	149	115530	19.946	ng/ul#	99
87) Chrysene	22.022	228	211224	19.192	ng/ul	97
89) Di-n-octyl phthalate	23.138	149	195108	20.036	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	224791	19.241	ng/ul#	96
91) Benzo(k)fluoranthene	24.424	252	210349	19.473	ng/ul#	94
93) Benzo(a)pyrene	25.305	252	211068	19.090	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.512	276	247004m	19.516	ng/ul	
95) Dibenzo(a,h)anthracene	29.576	278	207856	19.416	ng/ul#	93
96) Benzo(g,h,i)perylene	30.769	276	208943	19.635	ng/ul#	91

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

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