Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056764.D
Acq On : 1 Mar 2023 15:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 02 00:14:08 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

Instrument :
BNA_G
ClientSampleId :
SSTD020598

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	16022	20.000	ng/ul	0.00
20) Naphthalene-d8	11.261	136	69618	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	15.021	164	55486	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.753	188	136492	20.000	ng/ul	0.00
79) Chrysene-d12	22.066	240	129400	20.000	ng/ul	0.00
88) Perylene-d12	25.585	264	141485	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	2996	10.373	ng/uL	0.00
4) Pyridine-d5	4.134	84	28469	24.419	ng/ul	0.00
7) Phenol-d5	7.542	99	33645	20.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.724	67	20393	20.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.935	132	21865	20.536	ng/ul	0.00
15) 4-Methylphenol-d8	9.105	113	24979	20.390	ng/ul	0.00
21) Nitrobenzene-d5	9.586	128	13168	22.570	ng/ul	0.00
24) 2-Nitrophenol-d4	10.321	143	13841	19.930	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	26799	20.483	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	35699	20.920	ng/ul	0.00
46) Dimethylphthalate-d6	14.410	166	92994	20.773	ng/ul	0.00
49) Acenaphthylene-d8	14.722	160	109274	21.477	ng/ul	0.00
54) 4-Nitrophenol-d4	15.180	143	15289	19.809	ng/ul	0.00
60) Fluorene-d10	16.002	176	87186	21.054	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.102	200	17322	18.969	ng/ul	0.00
73) Anthracene-d10	17.853	188	139965	21.137	ng/ul	0.00
81) Pyrene-d10	20.109	212	167456	19.124	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.350	264	161924	21.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.740	88	3623	10.174	ng/uL	95
5) Pyridine	4.157	79	29226	23.672	ng/ul	96
6) Benzaldehyde	7.542	77	20400	24.286	ng/ul	96
8) Phenol	7.565	94	35278	21.572	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.818	93	24175	20.805	ng/ul	96
12) 2-Chlorophenol	7.971	128	22297	21.146	ng/ul	98
13) 2-Methylphenol	8.840	108	24754	20.067	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.934	45	33099	21.198	ng/ul	97
16) Acetophenone	9.240	105	44368	21.149	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.216	70	24438	20.302	ng/ul	98
18) 4-Methylphenol	9.169	108	27120	20.233	ng/ul	97
19) Hexachloroethane	9.522	117	9652	21.526	ng/ul	90
22) Nitrobenzene	9.633	77	38397	22.696	ng/ul	94
23) Isophorone	10.156	82	67587	20.434	ng/ul	96
25) 2-Nitrophenol	10.356	139	13926	20.314	ng/ul	98
26) 2,4-Dimethylphenol	10.391	107	32301	21.098	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.632	93	34945	20.902	ng/ul	97
29) 2,4-Dichlorophenol	10.885	162	27476	21.687	ng/ul	94
30) Naphthalene	11.308	128	81325	21.222	ng/ul	97
32) 4-Chloroaniline	11.402	127	35742	21.144	ng/ul	96
33) Hexachlorobutadiene	11.584	225	22191	21.977	ng/ul	89
34) Caprolactam	12.136	113	8878m	20.612	ng/ul	
35) 4-Chloro-3-methylphenol	12.483	107	29365	20.175	ng/ul#	85
36) 2-Methylnaphthalene	12.877	142	57985	21.129	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.094	142	58085	21.466	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.235	216	43551	22.138	ng/ul	98
40) Hexachlorocyclopentadiene	13.217	237	26474	18.781	ng/ul	94
41) 2,4,6-Trichlorophenol	13.464	196	27079	20.601	ng/ul	97
42) 2,4,5-Trichlorophenol	13.535	196	29488	20.660	ng/ul	91
43) 1,1'-Biphenyl	13.864	154	86040	21.088	ng/ul	100
44) 2-Chloronaphthalene	13.911	162	70767	20.963	ng/ul	94
45) 2-Nitroaniline	14.099	65	23920	20.414	ng/ul	98
47) Dimethylphthalate	14.457	163	93014	20.431	ng/ul#	99
48) 2,6-Dinitrotoluene	14.581	165	19458	20.850	ng/ul#	87
50) Acenaphthylene	14.751	152	111904	21.771	ng/ul	99
51) 3-Nitroaniline	14.910	138	18155	21.736	ng/ul#	93
52) Acenaphthene	15.086	153	73649	20.858	ng/ul	98
53) 2,4-Dinitrophenol	15.109	184	11166	18.676	ng/ul	91
55) 4-Nitrophenol	15.192	109	17352	19.422	ng/ul	94
56) Dibenzofuran	15.415	168	116683	21.768	ng/ul	98
57) 2,4-Dinitrotoluene	15.362	165	27645	20.662	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.632	232	27239	20.508	ng/ul#	98
59) Diethylphthalate	15.803	149	92603	20.321	ng/ul	98
61) Fluorene	16.061	166	90782	21.151	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.044	204	54657	21.499	ng/ul	98
63) 4-Nitroaniline	16.061	138	17755	21.756	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.120	198	16642	18.930	ng/ul	99
67) N-Nitrosodiphenylamine	16.249	169	79597	20.971	ng/ul	97
68) 4-Bromophenyl-phenylether	16.937	248	37852	21.883	ng/ul	93
69) Hexachlorobenzene	17.060	284	39652	21.338	ng/ul	99
70) Atrazine	17.177	200	34762	21.087	ng/ul	93
71) Pentachlorophenol	17.395	266	20206m	19.149	ng/ul	
72) Phenanthrene	17.800	178	157882	21.354	ng/ul	98
74) Anthracene	17.888	178	159609	21.362	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.834	216	45232	21.662	ng/uL	98
76) Pentachlorobenzene	15.338	250	46058	21.748	ng/uL	92
77) Carbazole	18.147	167	132075	21.127	ng/ul	97
78) Di-n-butylphthalate	18.676	149	152644	21.185	ng/ul	100
80) Fluoranthene	19.780	202	201768	19.057	ng/ul	99
82) Pyrene	20.139	202	200181	19.192	ng/ul	100
83) Butylbenzylphthalate	21.002	149	63963	19.331	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.937	252	72939	22.482	ng/ul	96
85) Benzo(a)anthracene	22.042	228	199915	21.227	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.907	149	95323	20.507	ng/ul	98
87) Chrysene	22.113	228	187940	21.426	ng/ul	98
89) Di-n-octyl phthalate	23.217	149	159991	20.800	ng/ul	100
90) Benzo(b)fluoranthene	24.457	252	201618	21.287	ng/ul	97
91) Benzo(k)fluoranthene	24.534	252	199352	21.609	ng/ul	97
93) Benzo(a)pyrene	25.421	252	176599	21.211	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.639	276	239242m	21.153	ng/ul	
95) Dibenzo(a,h)anthracene	29.716	278	198530	20.994	ng/ul	97
96) Benzo(g,h,i)perylene	30.926	276	189194	20.942	ng/ul	99

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

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