Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057281.D
Acq On : 3 May 2023 11:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 01:20:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020472

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	12471	20.000	ng/ul	0.00
20) Naphthalene-d8	11.209	136	50664	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.987	164	40259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	106609	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	95814	20.000	ng/ul	# 0.00
88) Perylene-d12	25.561	264	97921	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	2547	8.987	ng/uL	0.00
4) Pyridine-d5	4.096	84	18927	21.184	ng/ul	0.00
7) Phenol-d5	7.509	99	24495	20.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	13110	18.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	17109	22.013	ng/ul	0.00
15) 4-Methylphenol-d8	9.071	113	18645	20.800	ng/ul	0.00
21) Nitrobenzene-d5	9.547	128	8903	22.066	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	11000	23.361	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	21163	23.296	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	27111	22.517	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	71092	22.286	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	77652	21.658	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	10050	21.644	ng/ul	0.00
60) Fluorene-d10	15.974	176	65249	21.957	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	13102	20.743	ng/ul	0.00
73) Anthracene-d10	17.830	188	108657	22.329	ng/ul	0.00
81) Pyrene-d10	20.097	212	129394	22.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.320	264	109373	21.924	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	2573	8.561	ng/uL#	81
5) Pyridine	4.113	79	20205	21.453	ng/ul	89
6) Benzaldehyde	7.497	77	8493	23.578	ng/ul#	80
8) Phenol	7.538	94	24392	20.520	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.767	93	17621	19.806	ng/ul	93
12) 2-Chlorophenol	7.931	128	17676	21.652	ng/ul	92
13) 2-Methylphenol	8.807	108	18937	20.556	ng/ul#	80
14) 2,2'-oxybis(1-Chloropr...	8.889	45	20916	18.235	ng/ul#	89
16) Acetophenone	9.200	105	31149	20.195	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.171	70	17024	19.206	ng/ul	96
18) 4-Methylphenol	9.136	108	19910	19.967	ng/ul	88
19) Hexachloroethane	9.471	117	7738	22.655	ng/ul	98
22) Nitrobenzene	9.594	77	25488	21.215	ng/ul	97
23) Isophorone	10.111	82	47783	20.904	ng/ul	99
25) 2-Nitrophenol	10.311	139	10914	22.884	ng/ul	98
26) 2,4-Dimethylphenol	10.352	107	23535	21.753	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.587	93	24593	20.697	ng/ul	97
29) 2,4-Dichlorophenol	10.851	162	19897	23.075	ng/ul	92
30) Naphthalene	11.262	128	62179	22.353	ng/ul	98
32) 4-Chloroaniline	11.362	127	28063	22.369	ng/ul	99
33) Hexachlorobutadiene	11.533	225	17227	23.555	ng/ul	100
34) Caprolactam	12.114	113	7049	24.283	ng/ul	96
35) 4-Chloro-3-methylphenol	12.461	107	22641	22.821	ng/ul	97
36) 2-Methylnaphthalene	12.842	142	44696	21.910	ng/ul	98

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37) 1-Methylnaphthalene	13.054	142	45773	22.315	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.201	216	32430	22.167	ng/ul	97
40) Hexachlorocyclopentadiene	13.177	237	12369	16.942	ng/ul	96
41) 2,4,6-Trichlorophenol	13.436	196	19292	22.642	ng/ul	90
42) 2,4,5-Trichlorophenol	13.512	196	21247	23.225	ng/ul	91
43) 1,1'-Biphenyl	13.824	154	66536	21.659	ng/ul	99
44) 2-Chloronaphthalene	13.876	162	52415	22.006	ng/ul	97
45) 2-Nitroaniline	14.070	65	16413	22.826	ng/ul	90
47) Dimethylphthalate	14.423	163	71343	22.271	ng/ul	98
48) 2,6-Dinitrotoluene	14.552	165	14735	22.351	ng/ul	94
50) Acenaphthylene	14.716	152	79871	21.922	ng/ul	99
51) 3-Nitroaniline	14.887	138	10625	22.746	ng/ul#	93
52) Acenaphthene	15.051	153	55316	21.309	ng/ul	99
53) 2,4-Dinitrophenol	15.110	184	6407	18.249	ng/ul	94
55) 4-Nitrophenol	15.192	109	11877	22.564	ng/ul	97
56) Dibenzofuran	15.380	168	81320	21.693	ng/ul	98
57) 2,4-Dinitrotoluene	15.339	165	21731	23.026	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.609	232	19689	23.686	ng/ul	95
59) Diethylphthalate	15.768	149	72807	22.371	ng/ul	99
61) Fluorene	16.032	166	69208	21.833	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.009	204	39860	21.545	ng/ul	98
63) 4-Nitroaniline	16.044	138	9430	21.318	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.109	198	13295	20.656	ng/ul#	90
67) N-Nitrosodiphenylamine	16.220	169	58918	21.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	27549	21.620	ng/ul	94
69) Hexachlorobenzene	17.037	284	28648	21.351	ng/ul	98
70) Atrazine	17.154	200	28852	23.311	ng/ul	98
71) Pentachlorophenol	17.383	266	11741m	18.930	ng/ul	
72) Phenanthrene	17.771	178	122083	21.990	ng/ul	99
74) Anthracene	17.865	178	122987	22.054	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.800	216	33646	20.983	ng/uL	98
76) Pentachlorobenzene	15.304	250	34584	21.189	ng/uL	98
77) Carbazole	18.129	167	108073	23.190	ng/ul	97
78) Di-n-butylphthalate	18.646	149	124198	23.305	ng/ul	99
80) Fluoranthene	19.763	202	156596	23.180	ng/ul#	97
82) Pyrene	20.121	202	155122	22.682	ng/ul	99
83) Butylbenzylphthalate	20.979	149	52714	24.068	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.918	252	49723	23.367	ng/ul	97
85) Benzo(a)anthracene	22.024	228	148980	21.985	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.871	149	73247	22.994	ng/ul	94
87) Chrysene	22.095	228	140669	22.002	ng/ul	99
89) Di-n-octyl phthalate	23.170	149	123779	22.891	ng/ul	100
90) Benzo(b)fluoranthene	24.439	252	153368	22.617	ng/ul	97
91) Benzo(k)fluoranthene	24.509	252	146295	22.176	ng/ul	98
93) Benzo(a)pyrene	25.396	252	130351	22.266	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.637	276	169197	23.121	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.684	278	143982	23.728	ng/ul	99
96) Benzo(g,h,i)perylene	30.900	276	138189	23.333	ng/ul	99

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

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