Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057312.D
Acq On : 5 May 2023 10:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 23:59:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020476

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.369	152	10600	20.000	ng/ul		0.00
20) Naphthalene-d8	11.212	136	47573	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.984	164	41419	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.727	188	110265	20.000	ng/ul		0.00
79) Chrysene-d12	22.039	240	98682	20.000	ng/ul		0.00
88) Perylene-d12	25.552	264	103305	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.652	96	1903	7.900	ng/uL		0.00
4) Pyridine-d5	4.093	84	14281	18.805	ng/ul		0.00
7) Phenol-d5	7.512	99	21535	21.482	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	11912	20.203	ng/ul		0.00
11) 2-Chlorophenol-d4	7.899	132	14838	22.461	ng/ul		0.00
15) 4-Methylphenol-d8	9.074	113	16849	22.114	ng/ul		0.00
21) Nitrobenzene-d5	9.550	128	7884	20.810	ng/ul		0.00
24) 2-Nitrophenol-d4	10.278	143	9801	22.167	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.825	165	19026	22.304	ng/ul		0.00
31) 4-Chloroaniline-d4	11.336	131	26888	23.783	ng/ul		0.00
46) Dimethylphthalate-d6	14.373	166	71702	21.848	ng/ul		0.00
49) Acenaphthylene-d8	14.684	160	79430	21.534	ng/ul		0.00
54) 4-Nitrophenol-d4	15.178	143	9334m	19.539	ng/ul		0.00
60) Fluorene-d10	15.971	176	67919	22.215	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.088	200	12838	19.651	ng/ul		0.00
73) Anthracene-d10	17.821	188	113742	22.599	ng/ul		0.00
81) Pyrene-d10	20.089	212	131636	22.473	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.311	264	114994	21.849	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	2483	9.720	ng/uL	#	78
5) Pyridine	4.116	79	16105	20.118	ng/ul		88
6) Benzaldehyde	7.494	77	7243	23.657	ng/ul	#	83
8) Phenol	7.541	94	21885	21.660	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.770	93	14899	19.703	ng/ul		96
12) 2-Chlorophenol	7.935	128	15512	22.355	ng/ul		93
13) 2-Methylphenol	8.810	108	15861	20.256	ng/ul		88
14) 2,2'-oxybis(1-Chloropr...	8.892	45	18441	18.915	ng/ul	#	96
16) Acetophenone	9.203	105	29169	22.249	ng/ul		96
17) N-Nitroso-di-n-propyla...	9.168	70	15239	20.227	ng/ul		93
18) 4-Methylphenol	9.139	108	18250	21.532	ng/ul		86
19) Hexachloroethane	9.468	117	6600	22.734	ng/ul		95
22) Nitrobenzene	9.591	77	23483	20.816	ng/ul		96
23) Isophorone	10.108	82	44489	20.727	ng/ul		97
25) 2-Nitrophenol	10.314	139	10017	22.368	ng/ul		95
26) 2,4-Dimethylphenol	10.355	107	22724	22.368	ng/ul		90
27) Bis(2-Chloroethoxy)met...	10.584	93	22739	20.380	ng/ul		95
29) 2,4-Dichlorophenol	10.854	162	18543	22.902	ng/ul		92
30) Naphthalene	11.265	128	57584	22.046	ng/ul	#	95
32) 4-Chloroaniline	11.365	127	27232	23.117	ng/ul		97
33) Hexachlorobutadiene	11.536	225	15333	22.327	ng/ul		98
34) Caprolactam	12.105	113	6760m	24.801	ng/ul		
35) 4-Chloro-3-methylphenol	12.464	107	21937	23.548	ng/ul		97
36) 2-Methylnaphthalene	12.840	142	42982	22.439	ng/ul		98

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37) 1-Methylnaphthalene	13.057	142	44167	22.931	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.198	216	32297	21.457	ng/ul	95
40) Hexachlorocyclopentadiene	13.175	237	16367	21.790	ng/ul	99
41) 2,4,6-Trichlorophenol	13.433	196	18651	21.276	ng/ul	98
42) 2,4,5-Trichlorophenol	13.515	196	20122	21.380	ng/ul	92
43) 1,1'-Biphenyl	13.821	154	65129	20.608	ng/ul	98
44) 2-Chloronaphthalene	13.874	162	51957	21.203	ng/ul	98
45) 2-Nitroaniline	14.067	65	16047	21.692	ng/ul	94
47) Dimethylphthalate	14.420	163	73062	22.169	ng/ul	99
48) 2,6-Dinitrotoluene	14.549	165	14875	21.931	ng/ul	98
50) Acenaphthylene	14.714	152	82548	22.022	ng/ul	99
51) 3-Nitroaniline	14.884	138	11213	23.332	ng/ul#	96
52) Acenaphthene	15.048	153	57933	21.692	ng/ul	97
53) 2,4-Dinitrophenol	15.101	184	5651	15.645	ng/ul	89
55) 4-Nitrophenol	15.189	109	10750m	19.851	ng/ul	
56) Dibenzofuran	15.383	168	86054	22.313	ng/ul	99
57) 2,4-Dinitrotoluene	15.336	165	21966	22.623	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.607	232	19480	22.778	ng/ul#	97
59) Diethylphthalate	15.765	149	74325	22.197	ng/ul	98
61) Fluorene	16.029	166	74064	22.711	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.006	204	42094	22.115	ng/ul	99
63) 4-Nitroaniline	16.041	138	9497	20.868	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.106	198	12982	19.501	ng/ul#	94
67) N-Nitrosodiphenylamine	16.217	169	63245	21.957	ng/ul	98
68) 4-Bromophenyl-phenylether	16.899	248	28700	21.777	ng/ul	95
69) Hexachlorobenzene	17.034	284	31465	22.672	ng/ul	99
70) Atrazine	17.151	200	30026	23.455	ng/ul	98
71) Pentachlorophenol	17.386	266	10930m	17.039	ng/ul	
72) Phenanthrene	17.768	178	128708	22.415	ng/ul	98
74) Anthracene	17.862	178	130596	22.642	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.797	216	34510	20.808	ng/uL	96
76) Pentachlorobenzene	15.301	250	36370	21.544	ng/uL	96
77) Carbazole	18.127	167	112780	23.397	ng/ul	98
78) Di-n-butylphthalate	18.644	149	127276	23.091	ng/ul	98
80) Fluoranthene	19.760	202	158652	22.801	ng/ul	98
82) Pyrene	20.118	202	160871	22.839	ng/ul	98
83) Butylbenzylphthalate	20.970	149	53272	23.616	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.916	252	52869	24.124	ng/ul	94
85) Benzo(a)anthracene	22.015	228	155134	22.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.863	149	75277	22.945	ng/ul#	95
87) Chrysene	22.086	228	142850	21.694	ng/ul	98
89) Di-n-octyl phthalate	23.155	149	125665	22.028	ng/ul	100
90) Benzo(b)fluoranthene	24.424	252	154399	21.583	ng/ul	97
91) Benzo(k)fluoranthene	24.494	252	152581m	21.923	ng/ul	
93) Benzo(a)pyrene	25.387	252	135008	21.860	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.611	276	171918m	22.268	ng/ul	
95) Dibenzo(a,h)anthracene	29.658	278	142394	22.243	ng/ul	98
96) Benzo(g,h,i)perylene	30.892	276	138735	22.204	ng/ul	99

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

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