Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056868.D
Acq On : 7 Mar 2023 12:33
Operator : CG/JU
Sample : SSTD01066
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 23:27:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:05:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.420	152	13314	20.000	ng/ul		0.00
20) Naphthalene-d8	11.264	136	52753	20.000	ng/ul		0.00
38) Acenaphthene-d10	15.036	164	43076	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.780	188	123365	20.000	ng/ul		0.00
79) Chrysene-d12	22.104	240	124906	20.000	ng/ul	#	0.00
88) Perylene-d12	25.670	264	132540	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.690	96	1324	3.857	ng/uL		0.00
4) Pyridine-d5	4.137	84	10255	9.022	ng/ul		0.00
7) Phenol-d5	7.545	99	12242	8.971	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	7899	9.216	ng/ul		0.00
11) 2-Chlorophenol-d4	7.944	132	7611	8.912	ng/ul		0.00
15) 4-Methylphenol-d8	9.107	113	8998	8.739	ng/ul		0.00
21) Nitrobenzene-d5	9.589	128	4553	10.406	ng/ul		0.00
24) 2-Nitrophenol-d4	10.324	143	4627	8.939	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.870	165	9383	9.359	ng/ul		0.00
31) 4-Chloroaniline-d4	11.381	131	13147	9.952	ng/ul		0.00
46) Dimethylphthalate-d6	14.419	166	36192	9.823	ng/ul		0.00
49) Acenaphthylene-d8	14.736	160	39324	9.720	ng/ul		0.00
54) 4-Nitrophenol-d4	15.194	143	5944	9.520	ng/ul		0.00
60) Fluorene-d10	16.023	176	34442	10.081	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	8544	9.583	ng/ul		0.00
73) Anthracene-d10	17.880	188	59717	10.016	ng/ul		0.00
81) Pyrene-d10	20.142	212	72903	9.582	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.418	264	71582	9.863	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.731	88	1634	4.271	ng/uL		95
5) Pyridine	4.154	79	11178	9.328	ng/ul	#	85
6) Benzaldehyde	7.539	77	8260	11.500	ng/ul		96
8) Phenol	7.568	94	12789	9.193	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.815	93	8803	9.007	ng/ul		94
12) 2-Chlorophenol	7.974	128	8479	9.663	ng/ul		91
13) 2-Methylphenol	8.843	108	8715	8.521	ng/ul		86
14) 2,2'-oxybis(1-Chloropr...	8.937	45	12081	8.995	ng/ul	#	94
16) Acetophenone	9.249	105	15793	8.963	ng/ul		90
17) N-Nitroso-di-n-propyla...	9.219	70	9739	9.503	ng/ul	#	88
18) 4-Methylphenol	9.178	108	9946	8.959	ng/ul		98
19) Hexachloroethane	9.525	117	3446	9.509	ng/ul		95
22) Nitrobenzene	9.636	77	13151	9.632	ng/ul		98
23) Isophorone	10.159	82	25812	9.684	ng/ul		95
25) 2-Nitrophenol	10.359	139	5401	9.980	ng/ul	#	84
26) 2,4-Dimethylphenol	10.394	107	11250	9.483	ng/ul		94
27) Bis(2-Chloroethoxy)met...	10.635	93	12922	9.960	ng/ul		98
29) 2,4-Dichlorophenol	10.894	162	9392	9.716	ng/ul		94
30) Naphthalene	11.317	128	28779	9.876	ng/ul		98
32) 4-Chloroaniline	11.411	127	13127	10.142	ng/ul		98
33) Hexachlorobutadiene	11.587	225	7620	10.017	ng/ul		90
34) Caprolactam	12.139	113	3840	10.825	ng/ul		96
35) 4-Chloro-3-methylphenol	12.492	107	10925	9.735	ng/ul		96
36) 2-Methylnaphthalene	12.885	142	20064	9.572	ng/ul		92

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37) 1-Methylnaphthalene	13.103	142	20265	9.676	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.250	216	15478	9.724	ng/ul#	93
40) Hexachlorocyclopentadiene	13.226	237	9244	8.541	ng/ul	91
41) 2,4,6-Trichlorophenol	13.473	196	9798	9.452	ng/ul#	94
42) 2,4,5-Trichlorophenol	13.543	196	11355	9.841	ng/ul	94
43) 1,1'-Biphenyl	13.873	154	31845	9.871	ng/ul	97
44) 2-Chloronaphthalene	13.925	162	26661	10.023	ng/ul	94
45) 2-Nitroaniline	14.113	65	8754	8.925	ng/ul	88
47) Dimethylphthalate	14.466	163	36523	9.806	ng/ul	99
48) 2,6-Dinitrotoluene	14.595	165	7310	9.760	ng/ul#	83
50) Acenaphthylene	14.760	152	39857	9.749	ng/ul	98
51) 3-Nitroaniline	14.930	138	7510	11.113	ng/ul#	76
52) Acenaphthene	15.100	153	27984	9.786	ng/ul	97
53) 2,4-Dinitrophenol	15.130	184	5034	9.168	ng/ul#	81
55) 4-Nitrophenol	15.212	109	8068	10.025	ng/ul	100
56) Dibenzofuran	15.430	168	43834	10.028	ng/ul	97
57) 2,4-Dinitrotoluene	15.377	165	11977	10.372	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.653	232	10424	9.375	ng/ul#	97
59) Diethylphthalate	15.817	149	37788	10.037	ng/ul	96
61) Fluorene	16.076	166	34887	10.023	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.058	204	20365	9.752	ng/ul	95
63) 4-Nitroaniline	16.076	138	6804	10.149	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.140	198	8111	9.506	ng/ul	97
67) N-Nitrosodiphenylamine	16.270	169	31736	9.579	ng/ul	98
68) 4-Bromophenyl-phenylether	16.951	248	14150	9.247	ng/ul	94
69) Hexachlorobenzene	17.081	284	16184	9.750	ng/ul	97
70) Atrazine	17.198	200	15015	10.080	ng/ul	97
71) Pentachlorophenol	17.421	266	8170	8.350	ng/ul#	84
72) Phenanthrene	17.821	178	65730	9.901	ng/ul	99
74) Anthracene	17.915	178	67693	10.009	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.849	216	16297	9.217	ng/uL	93
76) Pentachlorobenzene	15.353	250	17194	9.315	ng/uL	95
77) Carbazole	18.173	167	59060	10.290	ng/ul	96
78) Di-n-butylphthalate	18.702	149	66600	10.032	ng/ul	96
80) Fluoranthene	19.807	202	87812	9.683	ng/ul#	99
82) Pyrene	20.171	202	89998	9.910	ng/ul#	98
83) Butylbenzylphthalate	21.035	149	28975	9.621	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.987	252	32150	10.625	ng/ul	95
85) Benzo(a)anthracene	22.086	228	90634	9.926	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.945	149	41601	9.666	ng/ul#	94
87) Chrysene	22.157	228	82688	9.772	ng/ul	99
89) Di-n-octyl phthalate	23.267	149	70045	9.704	ng/ul	100
90) Benzo(b)fluoranthene	24.525	252	88160	9.731	ng/ul	98
91) Benzo(k)fluoranthene	24.595	252	84123	9.665	ng/ul	99
93) Benzo(a)pyrene	25.500	252	76685	9.906	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.772	276	103772	9.810	ng/ul	99
95) Dibenzo(a,h)anthracene	29.836	278	84941m	9.729	ng/ul	
96) Benzo(g,h,i)perylene	31.047	276	82917m	9.774	ng/ul	

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

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