

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056805.D
 Acq On : 3 Mar 2023 1:00
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020453

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 01:52:34 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	15495	20.000	ng/u1	0.00
20) Naphthalene-d8	11.255	136	68824	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.021	164	56072	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.753	188	134670	20.000	ng/u1	0.00
79) Chrysene-d12	22.066	240	129702	20.000	ng/u1	0.00
88) Perylene-d12	25.579	264	141925	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	2942	10.532	ng/uL	0.00
4) Pyridine-d5	4.134	84	26890	23.850	ng/u1	0.00
7) Phenol-d5	7.542	99	32707	21.093	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.724	67	20599	21.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.941	132	21783	21.155	ng/u1	0.00
15) 4-Methylphenol-d8	9.104	113	25351	21.397	ng/u1	0.00
21) Nitrobenzene-d5	9.592	128	12034	20.864	ng/u1	0.00
24) 2-Nitrophenol-d4	10.321	143	14392	20.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	28990	22.414	ng/u1	0.00
31) 4-Chloroaniline-d4	11.378	131	34876	20.674	ng/u1	0.00
46) Dimethylphthalate-d6	14.410	166	93710	20.714	ng/u1	0.00
49) Acenaphthylene-d8	14.721	160	108384	21.079	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	15031	19.271	ng/u1	0.00
60) Fluorene-d10	16.002	176	87239	20.846	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.102	200	18998	21.086	ng/u1	0.00
73) Anthracene-d10	17.853	188	139737	21.388	ng/u1	0.00
81) Pyrene-d10	20.109	212	169992	19.369	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.344	264	163939	21.400	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.734	88	3377	9.805	ng/uL#	82
5) Pyridine	4.157	79	28255	23.663	ng/u1	97
6) Benzaldehyde	7.542	77	21294	26.213	ng/u1	98
8) Phenol	7.565	94	33880	21.421	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.812	93	24651	21.936	ng/u1	94
12) 2-Chlorophenol	7.976	128	21941	21.516	ng/u1	96
13) 2-Methylphenol	8.840	108	24113	20.212	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.946	45	32150	21.291	ng/u1	99
16) Acetophenone	9.245	105	43636	21.508	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.216	70	24402	20.962	ng/u1	98
18) 4-Methylphenol	9.169	108	27804	21.449	ng/u1	99
19) Hexachloroethane	9.522	117	9038	20.843	ng/uL#	79
22) Nitrobenzene	9.633	77	37556	22.455	ng/u1	98
23) Isophorone	10.156	82	68660	20.998	ng/u1	98
25) 2-Nitrophenol	10.350	139	14719	21.719	ng/u1	97
26) 2,4-Dimethylphenol	10.391	107	32258	21.313	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.632	93	35089	21.230	ng/u1	99
29) 2,4-Dichlorophenol	10.885	162	27628	22.058	ng/u1	96
30) Naphthalene	11.308	128	79723	21.044	ng/u1	96
32) 4-Chloroaniline	11.402	127	34775	20.810	ng/u1	95
33) Hexachlorobutadiene	11.584	225	22933	22.974	ng/u1	93
34) Caprolactam	12.136	113	9104	21.381	ng/u1	83
35) 4-Chloro-3-methylphenol	12.483	107	30561	21.239	ng/u1	93
36) 2-Methylnaphthalene	12.877	142	59511	21.935	ng/u1	98

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37) 1-Methylnaphthalene	13.094	142	58687	21.939	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.235	216	44122	22.194	ng/ul	92
40) Hexachlorocyclopentadiene	13.211	237	26100	18.322	ng/ul	99
41) 2,4,6-Trichlorophenol	13.464	196	28136	21.181	ng/ul	95
42) 2,4,5-Trichlorophenol	13.535	196	32000	22.186	ng/ul	95
43) 1,1'-Biphenyl	13.858	154	86728	21.034	ng/ul	96
44) 2-Chloronaphthalene	13.911	162	72747	21.324	ng/ul	94
45) 2-Nitroaniline	14.099	65	25486	21.523	ng/ul	92
47) Dimethylphthalate	14.451	163	92927	20.198	ng/ul	99
48) 2,6-Dinitrotoluene	14.580	165	19772	20.965	ng/ul	89
50) Acenaphthylene	14.751	152	107876	20.768	ng/ul	97
51) 3-Nitroaniline	14.909	138	18142	21.494	ng/ul#	99
52) Acenaphthene	15.086	153	75039	21.029	ng/ul	97
53) 2,4-Dinitrophenol	15.109	184	10934	18.097	ng/ul#	86
55) 4-Nitrophenol	15.191	109	18593	20.594	ng/ul	95
56) Dibenzofuran	15.415	168	115073	21.244	ng/ul	94
57) 2,4-Dinitrotoluene	15.356	165	28190	20.849	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.632	232	28474	21.214	ng/ul#	95
59) Diethylphthalate	15.802	149	93109	20.218	ng/ul	99
61) Fluorene	16.061	166	90217	20.800	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.037	204	53392	20.782	ng/ul	99
63) 4-Nitroaniline	16.061	138	16410	19.898	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	16.120	198	17544	20.226	ng/ul#	98
67) N-Nitrosodiphenylamine	16.249	169	80096	21.388	ng/ul	98
68) 4-Bromophenyl-phenylether	16.931	248	37980	22.254	ng/ul	98
69) Hexachlorobenzene	17.060	284	40734	22.216	ng/ul	98
70) Atrazine	17.177	200	35900	22.072	ng/ul	98
71) Pentachlorophenol	17.401	266	20690	19.873	ng/ul#	86
72) Phenanthrene	17.794	178	155484	21.314	ng/ul	99
74) Anthracene	17.888	178	156883	21.281	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.834	216	46328	22.487	ng/uL	94
76) Pentachlorobenzene	15.332	250	47752	22.853	ng/uL	90
77) Carbazole	18.147	167	132071	21.412	ng/ul	98
78) Di-n-butylphthalate	18.676	149	153695	21.620	ng/ul	99
80) Fluoranthene	19.780	202	199044	18.756	ng/ul#	97
82) Pyrene	20.139	202	197935	18.932	ng/ul	99
83) Butylbenzylphthalate	20.996	149	67400	20.322	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.936	252	74524	22.917	ng/ul	99
85) Benzo(a)anthracene	22.042	228	200541	21.244	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.901	149	98426	21.126	ng/ul	99
87) Chrysene	22.113	228	184230	20.954	ng/ul	99
89) Di-n-octyl phthalate	23.211	149	165343	21.429	ng/ul	100
90) Benzo(b)fluoranthene	24.457	252	204898	21.566	ng/ul	100
91) Benzo(k)fluoranthene	24.533	252	196399	21.222	ng/ul	97
93) Benzo(a)pyrene	25.415	252	177919	21.304	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.645	276	239437	21.105	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.716	278	199073	20.986	ng/ul#	93
96) Benzo(g,h,i)perylene	30.920	276	191157m	21.094	ng/ul	

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

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