

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022823\
 Data File : BG056749.D
 Acq On : 28 Feb 2023 9:19
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020596

Quant Time: Feb 28 23:57:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 23:55:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/01/2023
 Supervised By :Jagrut Upadhyay 03/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.426	152	13995	20.000	ng/u1	0.00
20) Naphthalene-d8	11.258	136	62197	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.024	164	50448	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.756	188	127667	20.000	ng/u1	0.00
79) Chrysene-d12	22.069	240	125915	20.000	ng/u1	0.00
88) Perylene-d12	25.600	264	137402	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	2443	9.683	ng/uL	0.00
4) Pyridine-d5	4.137	84	24099m	23.665	ng/u1	0.00
7) Phenol-d5	7.539	99	28770	20.543	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.727	67	18294	21.415	ng/u1	0.00
11) 2-Chlorophenol-d4	7.944	132	18927	20.351	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	21919	20.483	ng/u1	0.00
21) Nitrobenzene-d5	9.595	128	10336	19.830	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	12849	20.709	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	23630	20.216	ng/u1	0.00
31) 4-Chloroaniline-d4	11.375	131	31057	20.371	ng/u1	0.00
46) Dimethylphthalate-d6	14.413	166	82809	20.345	ng/u1	0.00
49) Acenaphthylene-d8	14.724	160	95859	20.721	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	14147	20.159	ng/u1	0.00
60) Fluorene-d10	16.005	176	79893	21.219	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	16345	19.136	ng/u1	0.00
73) Anthracene-d10	17.856	188	127778	20.631	ng/u1	0.00
81) Pyrene-d10	20.112	212	157134	18.442	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.353	264	152296	20.535	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	3130	10.062	ng/uL	94
5) Pyridine	4.160	79	25193	23.360	ng/u1	94
6) Benzaldehyde	7.544	77	18651	25.420	ng/u1	98
8) Phenol	7.568	94	30170	21.120	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.815	93	21717	21.397	ng/u1	97
12) 2-Chlorophenol	7.973	128	19191	20.837	ng/u1	91
13) 2-Methylphenol	8.843	108	21841	20.270	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.937	45	29220	21.424	ng/u1#	93
16) Acetophenone	9.248	105	38092	20.787	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.219	70	21531	20.478	ng/u1	100
18) 4-Methylphenol	9.172	108	24197	20.667	ng/u1	87
19) Hexachloroethane	9.524	117	8520	21.754	ng/u1	94
22) Nitrobenzene	9.636	77	32608	21.574	ng/u1#	89
23) Isophorone	10.159	82	61238	20.723	ng/u1	97
25) 2-Nitrophenol	10.353	139	13047	21.303	ng/u1	96
26) 2,4-Dimethylphenol	10.388	107	28340	20.720	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.635	93	31835	21.314	ng/u1	96
29) 2,4-Dichlorophenol	10.888	162	23630	20.876	ng/u1	95
30) Naphthalene	11.311	128	70540	20.604	ng/u1	97
32) 4-Chloroaniline	11.399	127	31324	20.742	ng/u1	96
33) Hexachlorobutadiene	11.587	225	19348	21.447	ng/u1	91
34) Caprolactam	12.139	113	7400	19.231	ng/u1	83
35) 4-Chloro-3-methylphenol	12.480	107	26240	20.179	ng/u1	99
36) 2-Methylnaphthalene	12.879	142	50796	20.717	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	51401	21.263	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.238	216	38280	21.402	ng/ul	95
40) Hexachlorocyclopentadiene	13.220	237	23907	18.654	ng/ul	99
41) 2,4,6-Trichlorophenol	13.467	196	23787	19.904	ng/ul	93
42) 2,4,5-Trichlorophenol	13.537	196	26557	20.465	ng/ul	94
43) 1,1'-Biphenyl	13.866	154	76535	20.631	ng/ul	99
44) 2-Chloronaphthalene	13.913	162	63436	20.668	ng/ul	98
45) 2-Nitroaniline	14.101	65	22405	21.030	ng/ul	99
47) Dimethylphthalate	14.454	163	84655	20.452	ng/ul#	98
48) 2,6-Dinitrotoluene	14.583	165	17070	20.118	ng/ul#	83
50) Acenaphthylene	14.748	152	96673	20.686	ng/ul	97
51) 3-Nitroaniline	14.912	138	16434	21.641	ng/ul#	95
52) Acenaphthene	15.089	153	66664	20.765	ng/ul	98
53) 2,4-Dinitrophenol	15.112	184	9345	17.192	ng/ul#	81
55) 4-Nitrophenol	15.194	109	16318	20.089	ng/ul	95
56) Dibenzofuran	15.418	168	100341	20.589	ng/ul	99
57) 2,4-Dinitrotoluene	15.359	165	25966	21.346	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.635	232	24388	20.195	ng/ul	97
59) Diethylphthalate	15.805	149	84946	20.502	ng/ul	99
61) Fluorene	16.058	166	80484	20.625	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.040	204	47405	20.509	ng/ul	97
63) 4-Nitroaniline	16.064	138	15652	21.095	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.123	198	16332	19.861	ng/ul#	91
67) N-Nitrosodiphenylamine	16.252	169	73053	20.577	ng/ul	98
68) 4-Bromophenyl-phenylether	16.933	248	33314	20.591	ng/ul	95
69) Hexachlorobenzene	17.063	284	36060	20.746	ng/ul	94
70) Atrazine	17.180	200	31303	20.302	ng/ul	97
71) Pentachlorophenol	17.398	266	16731	16.952	ng/ul	98
72) Phenanthrene	17.797	178	146539	21.190	ng/ul	97
74) Anthracene	17.891	178	145739	20.854	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.837	216	39802	20.379	ng/ul	97
76) Pentachlorobenzene	15.335	250	41670	21.036	ng/ul	96
77) Carbazole	18.150	167	125587	21.477	ng/ul	98
78) Di-n-butylphthalate	18.678	149	141141	20.943	ng/ul	100
80) Fluoranthene	19.783	202	186040	18.058	ng/ul	98
82) Pyrene	20.141	202	187861	18.509	ng/ul	99
83) Butylbenzylphthalate	21.005	149	61196	19.006	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.945	252	68825	21.801	ng/ul	94
85) Benzo(a)anthracene	22.045	228	184006	20.079	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.910	149	89764	19.846	ng/ul	99
87) Chrysene	22.121	228	172216	20.177	ng/ul	100
89) Di-n-octyl phthalate	23.226	149	153145	20.501	ng/ul	100
90) Benzo(b)fluoranthene	24.466	252	189208	20.570	ng/ul	100
91) Benzo(k)fluoranthene	24.536	252	181669	20.277	ng/ul	97
93) Benzo(a)pyrene	25.429	252	163784	20.257	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.654	276	220270	20.054	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.736	278	181625	19.777	ng/ul	96
96) Benzo(g,h,i)perylene	30.941	276	179116	20.415	ng/ul	96

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

