

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
 Data File : BG056732.D
 Acq On : 27 Feb 2023 16:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020594

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 00:23:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 00:23:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	14525	20.000	ng/u1	0.00
20) Naphthalene-d8	11.261	136	62243	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.027	164	51243	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.759	188	135871	20.000	ng/u1	0.00
79) Chrysene-d12	22.072	240	124358	20.000	ng/u1	0.00
88) Perylene-d12	25.603	264	135125	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	2515	9.605	ng/uL	0.00
4) Pyridine-d5	4.134	84	21965	20.782	ng/u1	0.00
7) Phenol-d5	7.536	99	28607	19.681	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	17674	19.934	ng/u1	0.00
11) 2-Chlorophenol-d4	7.941	132	18904	19.585	ng/u1	0.00
15) 4-Methylphenol-d8	9.111	113	21961	19.774	ng/u1	0.00
21) Nitrobenzene-d5	9.592	128	10345	19.832	ng/u1	0.00
24) 2-Nitrophenol-d4	10.321	143	12339	19.872	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	24287	20.763	ng/u1	0.00
31) 4-Chloroaniline-d4	11.379	131	32547	21.333	ng/u1	0.00
46) Dimethylphthalate-d6	14.410	166	87116	21.071	ng/u1	0.00
49) Acenaphthylene-d8	14.722	160	99452	21.165	ng/u1	0.00
54) 4-Nitrophenol-d4	15.180	143	14594	20.474	ng/u1	0.00
60) Fluorene-d10	16.008	176	81682	21.358	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.108	200	16650	18.316	ng/u1	0.00
73) Anthracene-d10	17.859	188	133598	20.268	ng/u1	0.00
81) Pyrene-d10	20.115	212	161064	19.140	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.350	264	151143	20.723	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.735	88	3453	10.695	ng/uL#	88
5) Pyridine	4.158	79	23662	21.140	ng/u1	97
6) Benzaldehyde	7.542	77	19369	25.436	ng/u1	96
8) Phenol	7.565	94	29747	20.064	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.818	93	21598	20.503	ng/u1	95
12) 2-Chlorophenol	7.971	128	19400	20.295	ng/u1	95
13) 2-Methylphenol	8.840	108	22389	20.021	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.940	45	28180	19.908	ng/u1	99
16) Acetophenone	9.246	105	39367	20.699	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.222	70	22269	20.407	ng/u1	93
18) 4-Methylphenol	9.169	108	24307	20.003	ng/u1	98
19) Hexachloroethane	9.522	117	8758	21.546	ng/u1	95
22) Nitrobenzene	9.634	77	32540	21.513	ng/u1	99
23) Isophorone	10.156	82	63003	21.305	ng/u1	98
25) 2-Nitrophenol	10.356	139	13323	21.737	ng/u1	95
26) 2,4-Dimethylphenol	10.391	107	29277	21.389	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.632	93	31202	20.875	ng/u1	97
29) 2,4-Dichlorophenol	10.885	162	23478	20.727	ng/u1	94
30) Naphthalene	11.308	128	70468	20.568	ng/u1	99
32) 4-Chloroaniline	11.402	127	31560	20.883	ng/u1	91
33) Hexachlorobutadiene	11.590	225	18464	20.452	ng/u1	90
34) Caprolactam	12.136	113	8853m	22.990	ng/u1	
35) 4-Chloro-3-methylphenol	12.483	107	26924	20.690	ng/u1	92
36) 2-Methylnaphthalene	12.883	142	52517	21.404	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.100	142	51690	21.366	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.235	216	37557	20.672	ng/ul	98
40) Hexachlorocyclopentadiene	13.218	237	23682	18.191	ng/ul	95
41) 2,4,6-Trichlorophenol	13.464	196	23930	19.713	ng/ul	95
42) 2,4,5-Trichlorophenol	13.535	196	27505	20.867	ng/ul	97
43) 1,1'-Biphenyl	13.864	154	77502	20.568	ng/ul	98
44) 2-Chloronaphthalene	13.917	162	64138	20.572	ng/ul	93
45) 2-Nitroaniline	14.099	65	22238	20.550	ng/ul	91
47) Dimethylphthalate	14.457	163	87576	20.829	ng/ul#	99
48) 2,6-Dinitrotoluene	14.581	165	18135	21.041	ng/ul#	78
50) Acenaphthylene	14.751	152	101078	21.293	ng/ul	99
51) 3-Nitroaniline	14.910	138	16979	22.011	ng/ul#	99
52) Acenaphthene	15.092	153	67734	20.771	ng/ul	95
53) 2,4-Dinitrophenol	15.115	184	10117	18.323	ng/ul	88
55) 4-Nitrophenol	15.192	109	15991	19.381	ng/ul	95
56) Dibenzofuran	15.421	168	102653	20.737	ng/ul	96
57) 2,4-Dinitrotoluene	15.362	165	25918	20.975	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.632	232	24602	20.056	ng/ul#	98
59) Diethylphthalate	15.809	149	87933	20.893	ng/ul	98
61) Fluorene	16.061	166	83276	21.009	ng/ul	93
62) 4-Chlorophenyl-phenyle...	16.044	204	48808	20.788	ng/ul	95
63) 4-Nitroaniline	16.061	138	17740	23.538	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.120	198	16456	18.804	ng/ul	92
67) N-Nitrosodiphenylamine	16.255	169	75107	19.879	ng/ul	97
68) 4-Bromophenyl-phenylether	16.937	248	33215	19.290	ng/ul	100
69) Hexachlorobenzene	17.060	284	37274	20.150	ng/ul	98
70) Atrazine	17.183	200	33153	20.203	ng/ul	98
71) Pentachlorophenol	17.401	266	18145	17.275	ng/ul	97
72) Phenanthrene	17.800	178	149744	20.346	ng/ul	98
74) Anthracene	17.894	178	151510	20.371	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.834	216	39766	19.131	ng/uL	96
76) Pentachlorobenzene	15.339	250	41176	19.532	ng/uL	94
77) Carbazole	18.153	167	129042	20.736	ng/ul	96
78) Di-n-butylphthalate	18.682	149	145492	20.285	ng/ul	99
80) Fluoranthene	19.786	202	190650	18.737	ng/ul	99
82) Pyrene	20.145	202	191078	19.062	ng/ul	99
83) Butylbenzylphthalate	21.008	149	63967	20.116	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.943	252	69447	22.273	ng/ul	96
85) Benzo(a)anthracene	22.048	228	187640	20.731	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.913	149	91578	20.500	ng/ul	98
87) Chrysene	22.119	228	173983	20.639	ng/ul	97
89) Di-n-octyl phthalate	23.229	149	153946	20.956	ng/ul	100
90) Benzo(b)fluoranthene	24.463	252	187191m	20.694	ng/ul	
91) Benzo(k)fluoranthene	24.540	252	179084	20.325	ng/ul	98
93) Benzo(a)pyrene	25.427	252	161509	20.312	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.669	276	220055	20.372	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.733	278	178984	19.818	ng/ul	97
96) Benzo(g,h,i)perylene	30.950	276	175592	20.351	ng/ul	99

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

