

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071723\
 Data File : BG058286.D
 Acq On : 17 Jul 2023 17:16
 Operator : CG/JU
 Sample : SSTD04095
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040445

Quant Time: Jul 18 02:01:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 01:24:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	45521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.703	136	208979	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	151087	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	364366	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	298435	20.000	ng/u1	0.00
88) Perylene-d12	24.669	264	355802	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	19086m	14.682	ng/uL	0.00
4) Pyridine-d5	3.752	84	149717	37.936	ng/u1	0.00
7) Phenol-d5	7.066	99	181416	39.024	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	112611	40.196	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	127733	39.838	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	137340	39.153	ng/u1	0.00
21) Nitrobenzene-d5	9.064	128	67024	39.350	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	74619	41.684	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	140238	40.837	ng/u1	0.00
31) 4-Chloroaniline-d4	10.838	131	194875	37.429	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	467354	39.204	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	507662	39.025	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	76830	36.479	ng/u1	0.00
60) Fluorene-d10	15.527	176	394094	38.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	81229	41.056	ng/u1	0.00
73) Anthracene-d10	17.383	188	647871	38.319	ng/u1	0.00
81) Pyrene-d10	19.669	212	726579	38.657	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.457	264	731547	40.356	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	21650	13.481	ng/uL	96
5) Pyridine	3.770	79	159448	39.431	ng/u1	99
6) Benzaldehyde	7.037	77	101094	65.116	ng/u1	99
8) Phenol	7.090	94	188036	39.859	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.319	93	144185	39.584	ng/u1	97
12) 2-Chlorophenol	7.466	128	129406	38.785	ng/u1	99
13) 2-Methylphenol	8.341	108	145427	39.252	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.423	45	234703m	41.859	ng/u1	
16) Acetophenone	8.723	105	233964	40.201	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.711	70	123892	39.821	ng/u1	95
18) 4-Methylphenol	8.670	108	158655	39.603	ng/u1	98
19) Hexachloroethane	8.981	117	50102	39.170	ng/u1	98
22) Nitrobenzene	9.105	77	175445	39.678	ng/u1	100
23) Isophorone	9.628	82	382386	40.529	ng/u1	98
25) 2-Nitrophenol	9.816	139	79669	41.476	ng/u1	92
26) 2,4-Dimethylphenol	9.874	107	172272	39.883	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.109	93	205149	38.586	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	131584	39.410	ng/u1	98
30) Naphthalene	10.750	128	455334	38.771	ng/u1	99
32) 4-Chloroaniline	10.862	127	201432	37.837	ng/u1	99
33) Hexachlorobutadiene	11.032	225	92045	38.939	ng/u1	96
34) Caprolactam	11.631	113	54916m	40.910	ng/u1	
35) 4-Chloro-3-methylphenol	11.990	107	167776	40.906	ng/u1	97
36) 2-Methylnaphthalene	12.360	142	309305	39.070	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	312032	39.304	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.730	216	180446	39.191	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	101276	34.921	ng/ul	99
41) 2,4,6-Trichlorophenol	12.971	196	127972	41.009	ng/ul	98
42) 2,4,5-Trichlorophenol	13.047	196	134314	39.798	ng/ul	98
43) 1,1'-Biphenyl	13.370	154	416985	38.298	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	336377	38.494	ng/ul	99
45) 2-Nitroaniline	13.617	65	125919	41.446	ng/ul	97
47) Dimethylphthalate	13.987	163	466482	38.949	ng/ul	99
48) 2,6-Dinitrotoluene	14.117	165	100183	40.752	ng/ul	96
50) Acenaphthylene	14.263	152	542333	38.607	ng/ul	100
51) 3-Nitroaniline	14.446	138	89981	43.312	ng/ul	92
52) Acenaphthene	14.604	153	373128	38.708	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	52301	40.808	ng/ul	95
55) 4-Nitrophenol	14.763	109	60251	38.617	ng/ul	93
56) Dibenzofuran	14.939	168	531052	38.756	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	141029	40.490	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.162	232	125565	40.870	ng/ul#	96
59) Diethylphthalate	15.350	149	483472	38.677	ng/ul	99
61) Fluorene	15.585	166	429861	38.234	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	232486	39.080	ng/ul	99
63) 4-Nitroaniline	15.609	138	85925	46.169	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.668	198	83066	41.054	ng/ul	98
67) N-Nitrosodiphenylamine	15.791	169	374050	38.574	ng/ul	99
68) 4-Bromophenyl-phenylether	16.473	248	163679	40.924	ng/ul	97
69) Hexachlorobenzene	16.590	284	180427	40.292	ng/ul	99
70) Atrazine	16.737	200	154512	38.965	ng/ul	96
71) Pentachlorophenol	16.931	266	106041	39.445	ng/ul	95
72) Phenanthrene	17.325	178	709491	38.280	ng/ul	98
74) Anthracene	17.419	178	712423	37.984	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	192982	39.936	ng/uL	97
76) Pentachlorobenzene	14.857	250	209695	40.631	ng/uL	96
77) Carbazole	17.689	167	649022	38.262	ng/ul	98
78) Di-n-butylphthalate	18.241	149	784855	36.323	ng/ul	99
80) Fluoranthene	19.340	202	839393	38.541	ng/ul	99
82) Pyrene	19.698	202	837841	38.217	ng/ul	100
83) Butylbenzylphthalate	20.580	149	343645	38.656	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.432	252	305647	42.305	ng/ul	98
85) Benzo(a)anthracene	21.514	228	828308	38.655	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	485456	38.106	ng/ul	99
87) Chrysene	21.578	228	784365	39.048	ng/ul	97
89) Di-n-octyl phthalate	22.589	149	842596	38.543	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	878247	39.865	ng/ul	99
91) Benzo(k)fluoranthene	23.741	252	871452	40.357	ng/ul	98
93) Benzo(a)pyrene	24.528	252	771631	39.573	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	1028481	39.720	ng/ul	99
95) Dibenzo(a,h)anthracene	28.306	278	851000	39.856	ng/ul	98
96) Benzo(g,h,i)perylene	29.363	276	844651	39.938	ng/ul	98

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

