

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062024\
 Data File : BG061607.D
 Acq On : 20 Jun 2024 15:46
 Operator : MA/JU
 Sample : SSTD04013
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040442

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 16:34:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 16:29:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	43835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.891	136	222964	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	172421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	410079	20.000	ng/u1	0.00
79) Chrysene-d12	21.713	240	366033	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	443683	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	19713m	15.111	ng/uL	0.00
4) Pyridine-d5	3.881	84	148623	35.734	ng/u1	0.00
7) Phenol-d5	7.213	99	196867	44.299	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	120191	36.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	135699	59.860	ng/u1	0.00
15) 4-Methylphenol-d8	8.764	113	152807	45.800	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	65679	60.800	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	67426	68.285	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	153655	52.213	ng/u1	0.00
31) 4-Chloroaniline-d4	11.020	131	227483	44.332	ng/u1	0.00
46) Dimethylphthalate-d6	14.111	166	541632	49.659	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	595169	42.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	96565	59.239	ng/u1	0.00
60) Fluorene-d10	15.697	176	471224	41.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	71890	57.839	ng/u1	0.00
73) Anthracene-d10	17.548	188	756671	41.838	ng/u1	0.00
81) Pyrene-d10	19.827	212	857034	42.846	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.722	264	873096	41.574	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	22243	14.163	ng/uL#	81
5) Pyridine	3.905	79	157047	36.880	ng/u1	96
6) Benzaldehyde	7.207	77	107993	38.928	ng/u1	94
8) Phenol	7.236	94	202884	43.301	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.495	93	156137	42.341	ng/u1	98
12) 2-Chlorophenol	7.630	128	136443	55.226	ng/u1	96
13) 2-Methylphenol	8.499	108	146914	44.831	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.599	45	315520	39.536	ng/u1	97
16) Acetophenone	8.899	105	251893	40.067	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.887	70	135346	35.855	ng/u1#	98
18) 4-Methylphenol	8.828	108	162774	45.363	ng/u1	99
19) Hexachloroethane	9.163	117	52151	47.419	ng/u1	91
22) Nitrobenzene	9.281	77	185348	42.474	ng/u1	100
23) Isophorone	9.810	82	415102	34.914	ng/u1	100
25) 2-Nitrophenol	9.992	139	73287	65.959	ng/u1#	74
26) 2,4-Dimethylphenol	10.045	107	184775	42.904	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.291	93	223556	36.850	ng/u1#	94
29) 2,4-Dichlorophenol	10.526	162	139134	50.090	ng/u1	92
30) Naphthalene	10.938	128	504633	42.318	ng/u1	98
32) 4-Chloroaniline	11.038	127	227183	45.090	ng/u1	94
33) Hexachlorobutadiene	11.220	225	93460	33.484	ng/u1#	89
34) Caprolactam	11.801	113	60083m	47.161	ng/u1	
35) 4-Chloro-3-methylphenol	12.142	107	194871	45.749	ng/u1	92
36) 2-Methylnaphthalene	12.542	142	365641	44.580	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.759	142	383829	45.297	ng/ul	94	06/21/2024
39) 1,2,4,5-Tetrachloroben...	12.900	216	194620	38.418	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.877	237	115676	50.554	ng/ul	94	ahmed
41) 2,4,6-Trichlorophenol	13.129	196	131898	51.682	ng/ul	94	
42) 2,4,5-Trichlorophenol	13.200	196	143538	50.949	ng/ul	92	
43) 1,1'-Biphenyl	13.541	154	504931	43.141	ng/ul	98	
44) 2-Chloronaphthalene	13.582	162	391162	43.071	ng/ul	96	06/21/2024
45) 2-Nitroaniline	13.781	65	147858	55.610	ng/ul	98	
47) Dimethylphthalate	14.158	163	515850	44.964	ng/ul	99	
48) 2,6-Dinitrotoluene	14.275	165	97486	66.135	ng/ul	94	
50) Acenaphthylene	14.428	152	646119	41.345	ng/ul	98	
51) 3-Nitroaniline	14.598	138	100160	54.749	ng/ul#	97	
52) Acenaphthene	14.769	153	447287	42.857	ng/ul	94	
53) 2,4-Dinitrophenol	14.798	184	44101	53.362	ng/ul#	89	
55) 4-Nitrophenol	14.892	109	100808	48.390	ng/ul	94	
56) Dibenzofuran	15.103	168	631858	44.131	ng/ul	92	
57) 2,4-Dinitrotoluene	15.056	165	145765	66.386	ng/ul#	98	
58) 2,3,4,6-Tetrachlorophenol	15.315	232	138546	55.749	ng/ul#	89	
59) Diethylphthalate	15.526	149	545522	49.620	ng/ul	97	
61) Fluorene	15.750	166	515460	42.478	ng/ul	97	
62) 4-Chlorophenyl-phenyle...	15.744	204	254466	39.134	ng/ul	95	
63) 4-Nitroaniline	15.762	138	104190	51.624	ng/ul	93	
66) 4,6-Dinitro-2-methylph...	15.814	198	84309	59.011	ng/ul	98	
67) N-Nitrosodiphenylamine	15.955	169	445540	42.457	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.637	248	174526	43.697	ng/ul	98	
69) Hexachlorobenzene	16.743	284	207113	45.189	ng/ul	97	
70) Atrazine	16.901	200	175898	50.936	ng/ul	98	
71) Pentachlorophenol	17.083	266	131175	55.680	ng/ul	90	
72) Phenanthrene	17.489	178	869397	42.402	ng/ul	99	
74) Anthracene	17.583	178	876300	41.619	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.505	216	198837	39.586	ng/uL	96	
76) Pentachlorobenzene	15.015	250	225623	45.160	ng/uL	93	
77) Carbazole	17.847	167	776210	44.307	ng/ul	99	
78) Di-n-butylphthalate	18.417	149	908280	52.727	ng/ul	100	
80) Fluoranthene	19.492	202	987267	40.891	ng/ul	98	
82) Pyrene	19.857	202	1027484	40.360	ng/ul	98	
83) Butylbenzylphthalate	20.750	149	396272	62.535	ng/ul	95	
84) 3,3'-Dichlorobenzidine	21.608	252	342570	48.966	ng/ul	96	
85) Benzo(a)anthracene	21.690	228	1057718	42.026	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.619	149	570488	57.217	ng/ul	99	
87) Chrysene	21.760	228	992288	41.629	ng/ul	97	
89) Di-n-octyl phthalate	22.853	149	981673	47.394	ng/ul	100	
90) Benzo(b)fluoranthene	23.917	252	1073922	40.670	ng/ul	98	
91) Benzo(k)fluoranthene	23.987	252	1134007	41.656	ng/ul	99	
93) Benzo(a)pyrene	24.786	252	1054838	41.336	ng/ul#	97	
94) Indeno(1,2,3-cd)pyrene	28.623	276	1316279m	42.935	ng/ul		
95) Dibenzo(a,h)anthracene	28.699	278	1104078	43.905	ng/ul	97	
96) Benzo(g,h,i)perylene	29.769	276	1062576	42.671	ng/ul	99	

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

