

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057215.D
 Acq On : 28 Apr 2023 12:39
 Operator : CG/JU
 Sample : SST04083
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST040431

Quant Time: Apr 28 23:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 14:45:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15568	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	68014	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.993	164	53222	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.730	188	135444	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	119467	20.000	ng/u1	0.00
88) Perylene-d12	25.549	264	125253	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	5690	16.084	ng/uL	0.00
4) Pyridine-d5	4.096	84	45571	40.859	ng/u1	0.00
7) Phenol-d5	7.514	99	58785	39.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	34101	39.380	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	39509	40.722	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	46009	41.117	ng/u1	0.00
21) Nitrobenzene-d5	9.559	128	22297	41.166	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	26066	41.236	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	50190	41.155	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	65060	40.251	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	169795	40.263	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	191387	40.379	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	25405	41.711	ng/u1	0.00
60) Fluorene-d10	15.974	176	157482	40.086	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	31860	39.702	ng/u1	0.00
73) Anthracene-d10	17.830	188	246640	39.894	ng/u1	0.00
81) Pyrene-d10	20.092	212	280905	39.613	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.308	264	259077	40.599	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	6025	16.059	ng/uL	89
5) Pyridine	4.119	79	45816	38.969	ng/u1	90
6) Benzaldehyde	7.503	77	21723	48.309	ng/u1	89
8) Phenol	7.544	94	59015	39.770	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.779	93	43969	39.590	ng/u1	94
12) 2-Chlorophenol	7.937	128	41340	40.566	ng/u1	97
13) 2-Methylphenol	8.813	108	46253	40.219	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.895	45	56563	39.444	ng/u1	97
16) Acetophenone	9.206	105	77623	40.313	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.183	70	44524	40.239	ng/u1	95
18) 4-Methylphenol	9.142	108	50543	40.603	ng/u1	92
19) Hexachloroethane	9.476	117	17629	41.346	ng/u1	99
22) Nitrobenzene	9.594	77	65601	40.673	ng/u1	98
23) Isophorone	10.117	82	126349	41.174	ng/u1	99
25) 2-Nitrophenol	10.317	139	27293	42.629	ng/u1	94
26) 2,4-Dimethylphenol	10.358	107	59211	40.768	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.593	93	65896	41.310	ng/u1	99
29) 2,4-Dichlorophenol	10.857	162	47302	40.863	ng/u1	98
30) Naphthalene	11.268	128	151048	40.448	ng/u1	98
32) 4-Chloroaniline	11.368	127	68179	40.482	ng/u1	98
33) Hexachlorobutadiene	11.538	225	38750	39.468	ng/u1	94
34) Caprolactam	12.126	113	16577m	42.716	ng/u1	
35) 4-Chloro-3-methylphenol	12.461	107	54947	41.255	ng/u1	97
36) 2-Methylnaphthalene	12.843	142	111153	40.588	ng/u1	94

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37) 1-Methylnaphthalene	13.060	142	111569	40.516	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.207	216	78381	40.526	ng/ul	99
40) Hexachlorocyclopentadiene	13.177	237	38952	40.358	ng/ul	97
41) 2,4,6-Trichlorophenol	13.436	196	46952	41.683	ng/ul	96
42) 2,4,5-Trichlorophenol	13.512	196	49434	40.875	ng/ul	92
43) 1,1'-Biphenyl	13.829	154	161572	39.786	ng/ul	97
44) 2-Chloronaphthalene	13.882	162	125839	39.964	ng/ul	99
45) 2-Nitroaniline	14.076	65	40407	42.508	ng/ul	94
47) Dimethylphthalate	14.423	163	169674	40.066	ng/ul	99
48) 2,6-Dinitrotoluene	14.558	165	36339	41.696	ng/ul	99
50) Acenaphthylene	14.716	152	195571	40.604	ng/ul	99
51) 3-Nitroaniline	14.887	138	25744	41.689	ng/ul	96
52) Acenaphthene	15.057	153	139117	40.538	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	18715	40.323	ng/ul	91
55) 4-Nitrophenol	15.192	109	28851	41.461	ng/ul	95
56) Dibenzofuran	15.386	168	199502	40.257	ng/ul	96
57) 2,4-Dinitrotoluene	15.339	165	52452	42.041	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.609	232	46600	42.405	ng/ul	98
59) Diethylphthalate	15.768	149	172651	40.128	ng/ul	98
61) Fluorene	16.032	166	167985	40.087	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.009	204	97349	39.802	ng/ul	99
63) 4-Nitroaniline	16.044	138	25518	43.636	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.103	198	33072	40.443	ng/ul	98
67) N-Nitrosodiphenylamine	16.220	169	141304	39.938	ng/ul	99
68) 4-Bromophenyl-phenylether	16.902	248	64910	40.096	ng/ul	95
69) Hexachlorobenzene	17.037	284	68996	40.474	ng/ul	99
70) Atrazine	17.154	200	62719	39.886	ng/ul	99
71) Pentachlorophenol	17.378	266	31124	39.936	ng/ul	99
72) Phenanthrene	17.771	178	279242	39.590	ng/ul	99
74) Anthracene	17.865	178	279589	39.462	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.800	216	83280	40.880	ng/uL	98
76) Pentachlorobenzene	15.304	250	82989	40.021	ng/uL	97
77) Carbazole	18.130	167	236910	40.012	ng/ul	99
78) Di-n-butylphthalate	18.646	149	272949	40.314	ng/ul	100
80) Fluoranthene	19.757	202	341113	40.495	ng/ul	100
82) Pyrene	20.121	202	337969	39.633	ng/ul	98
83) Butylbenzylphthalate	20.973	149	115526	42.304	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	109853	41.404	ng/ul	98
85) Benzo(a)anthracene	22.018	228	341235	40.386	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.866	149	163858	41.255	ng/ul	96
87) Chrysene	22.089	228	320151	40.161	ng/ul	98
89) Di-n-octyl phthalate	23.164	149	277211	40.078	ng/ul	100
90) Benzo(b)fluoranthene	24.427	252	357272	41.190	ng/ul	97
91) Benzo(k)fluoranthene	24.497	252	336670	39.897	ng/ul	99
93) Benzo(a)pyrene	25.390	252	302341	40.376	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.608	276	379853	40.576	ng/ul	97
95) Dibenzo(a,h)anthracene	29.667	278	315743	40.680	ng/ul	98
96) Benzo(g,h,i)perylene	30.883	276	308765	40.758	ng/ul	99

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

