

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057958.D
 Acq On : 3 Jul 2023 16:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020489

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 03:43:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	45601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.738	136	201788	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	145756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	369184	20.000	ng/u1	0.00
79) Chrysene-d12	21.561	240	304326	20.000	ng/u1	0.00
88) Perylene-d12	24.716	264	376339	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	9003	6.913	ng/uL	0.00
4) Pyridine-d5	3.782	84	68599	17.351	ng/u1	0.00
7) Phenol-d5	7.095	99	81071	17.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	49039	17.474	ng/u1	0.00
11) 2-Chlorophenol-d4	7.466	132	55763	17.361	ng/u1	0.00
15) 4-Methylphenol-d8	8.641	113	61132	17.397	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	29537	17.959	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	32361	18.722	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	63336	19.101	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	94789	18.854	ng/u1	0.00
46) Dimethylphthalate-d6	13.970	166	197651	17.187	ng/u1	0.00
49) Acenaphthylene-d8	14.264	160	227942	18.163	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	35353m	17.400	ng/u1	0.00
60) Fluorene-d10	15.556	176	184148	18.854	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	33363	16.643	ng/u1	0.00
73) Anthracene-d10	17.407	188	310811	18.143	ng/u1	0.00
81) Pyrene-d10	19.692	212	346568	18.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.499	264	335192	17.482	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.412	88	11243	6.988	ng/uL	100
5) Pyridine	3.799	79	73764	18.210	ng/u1	98
6) Benzaldehyde	7.072	77	17583	11.306	ng/u1	97
8) Phenol	7.125	94	84395	17.858	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.354	93	63679	17.451	ng/u1	98
12) 2-Chlorophenol	7.501	128	59566	17.821	ng/u1	97
13) 2-Methylphenol	8.376	108	65272	17.587	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.464	45	96803	17.234	ng/u1	98
16) Acetophenone	8.758	105	103414	17.738	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.735	70	53361	17.121	ng/u1	95
18) 4-Methylphenol	8.705	108	69812	17.396	ng/u1	95
19) Hexachloroethane	9.017	117	22302	17.405	ng/u1	96
22) Nitrobenzene	9.134	77	76877	18.006	ng/u1	98
23) Isophorone	9.657	82	157285	17.265	ng/u1	98
25) 2-Nitrophenol	9.851	139	33973	18.317	ng/u1	92
26) 2,4-Dimethylphenol	9.904	107	76588	18.363	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.139	93	88716	17.281	ng/u1	98
29) 2,4-Dichlorophenol	10.386	162	61680	19.132	ng/u1	98
30) Naphthalene	10.791	128	206881	18.243	ng/u1	99
32) 4-Chloroaniline	10.897	127	97690	19.004	ng/u1	99
33) Hexachlorobutadiene	11.067	225	41024	17.974	ng/u1	93
34) Caprolactam	11.649	113	23363m	18.024	ng/u1	
35) 4-Chloro-3-methylphenol	12.019	107	75269	19.006	ng/u1	98
36) 2-Methylnaphthalene	12.395	142	140428	18.370	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	141738	18.490	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.759	216	81089	18.256	ng/ul	98
40) Hexachlorocyclopentadiene	12.742	237	45486	16.258	ng/ul	99
41) 2,4,6-Trichlorophenol	13.000	196	57005	18.935	ng/ul	99
42) 2,4,5-Trichlorophenol	13.077	196	61165	18.786	ng/ul	98
43) 1,1'-Biphenyl	13.400	154	192020	18.281	ng/ul	98
44) 2-Chloronaphthalene	13.447	162	154203	18.292	ng/ul	98
45) 2-Nitroaniline	13.647	65	54897	18.730	ng/ul	96
47) Dimethylphthalate	14.017	163	200833	17.382	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	42549	17.941	ng/ul	95
50) Acenaphthylene	14.293	152	253693	18.720	ng/ul	99
51) 3-Nitroaniline	14.469	138	34246	17.087	ng/ul	97
52) Acenaphthene	14.634	153	170331	18.316	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	20525	16.600	ng/ul	95
55) 4-Nitrophenol	14.781	109	27387	18.195	ng/ul	87
56) Dibenzofuran	14.963	168	248992	18.836	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	64765	19.274	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.192	232	58180	19.630	ng/ul#	97
59) Diethylphthalate	15.380	149	212904	17.655	ng/ul	99
61) Fluorene	15.615	166	205283	18.926	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.603	204	107243	18.686	ng/ul	99
63) 4-Nitroaniline	15.627	138	21238m	11.829	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.685	198	35943	17.533	ng/ul	97
67) N-Nitrosodiphenylamine	15.821	169	177071	18.022	ng/ul	97
68) 4-Bromophenyl-phenylether	16.496	248	75312	18.584	ng/ul	97
69) Hexachlorobenzene	16.614	284	83414	18.385	ng/ul	99
70) Atrazine	16.766	200	70156	17.461	ng/ul	95
71) Pentachlorophenol	16.960	266	47963	17.608	ng/ul	97
72) Phenanthrene	17.354	178	342734	18.251	ng/ul	99
74) Anthracene	17.442	178	346536	18.235	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.365	216	86289	17.624	ng/uL	98
76) Pentachlorobenzene	14.886	250	94165	18.008	ng/uL	99
77) Carbazole	17.712	167	315760	18.372	ng/ul	99
78) Di-n-butylphthalate	18.271	149	383001	17.494	ng/ul	99
80) Fluoranthene	19.363	202	400977	18.055	ng/ul	97
82) Pyrene	19.728	202	404286	18.084	ng/ul	99
83) Butylbenzylphthalate	20.609	149	163247	18.008	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.461	252	146499	19.885	ng/ul	98
85) Benzo(a)anthracene	21.543	228	396938	18.166	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.449	149	238431	18.354	ng/ul	98
87) Chrysene	21.608	228	374313	18.274	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	418656	18.106	ng/ul	100
90) Benzo(b)fluoranthene	23.711	252	410639	17.623	ng/ul	99
91) Benzo(k)fluoranthene	23.782	252	399628	17.497	ng/ul	100
93) Benzo(a)pyrene	24.569	252	357408	17.329	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.312	276	484859	17.703	ng/ul	98
95) Dibenzo(a,h)anthracene	28.365	278	396988	17.578	ng/ul	98
96) Benzo(g,h,i)perylene	29.434	276	394018	17.614	ng/ul	98

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

