

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092723\
 Data File : BG059223.D
 Acq On : 27 Sep 2023 22:58
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV441

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 28 04:35:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	63107	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	318746	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.868	164	197846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.617	188	442313	20.000	ng/u1	0.00
79) Chrysene-d12	21.924	240	394023	20.000	ng/u1	0.00
88) Perylene-d12	25.408	264	463256	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	12945	7.742	ng/uL	0.00
4) Pyridine-d5	3.963	84	96921	19.866	ng/u1	0.00
7) Phenol-d5	7.359	99	126772	20.069	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	81707	20.248	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	97777	23.026	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	101304	20.746	ng/u1	0.00
21) Nitrobenzene-d5	9.433	128	51715	22.992	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	53927	24.423	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	96682	21.314	ng/u1	0.00
31) 4-Chloroaniline-d4	11.219	131	151983	20.709	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	313383	21.908	ng/u1	0.00
49) Acenaphthylene-d8	14.574	160	395228	22.013	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	58707	23.503	ng/u1	0.00
60) Fluorene-d10	15.855	176	293147	21.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	52513	23.097	ng/u1	0.00
73) Anthracene-d10	17.717	188	425603	21.118	ng/u1	0.00
81) Pyrene-d10	19.991	212	479416	21.727	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.167	264	478884	21.512	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.569	88	13871	7.061	ng/uL#	72
5) Pyridine	3.986	79	98977	19.978	ng/u1	94
6) Benzaldehyde	7.376	77	77593	27.971	ng/u1	98
8) Phenol	7.388	94	131779	20.971	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.647	93	110621	21.464	ng/u1	93
12) 2-Chlorophenol	7.782	128	99465	22.216	ng/u1	94
13) 2-Methylphenol	8.663	108	97752	20.589	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.740	45	232951	20.446	ng/u1	97
16) Acetophenone	9.080	105	167994	22.214	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.039	70	84636	22.063	ng/u1	91
18) 4-Methylphenol	8.992	108	108719	21.613	ng/u1	89
19) Hexachloroethane	9.315	117	38724	21.955	ng/u1	89
22) Nitrobenzene	9.474	77	120919	21.778	ng/u1	98
23) Isophorone	9.979	82	252757	21.169	ng/u1	98
25) 2-Nitrophenol	10.185	139	57617	23.682	ng/u1	89
26) 2,4-Dimethylphenol	10.208	107	110486	21.239	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.467	93	158687	21.064	ng/u1	94
29) 2,4-Dichlorophenol	10.702	162	98320	21.805	ng/u1	97
30) Naphthalene	11.131	128	356177	20.841	ng/u1	96
32) 4-Chloroaniline	11.248	127	148311	21.133	ng/u1	96
33) Hexachlorobutadiene	11.354	225	64464	21.362	ng/u1	88
34) Caprolactam	12.024	113	33954m	21.763	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	105140	21.854	ng/u1	97
36) 2-Methylnaphthalene	12.711	142	233674	20.872	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	239413	21.069	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.058	216	124703	21.053	ng/ul	98
40) Hexachlorocyclopentadiene	13.011	237	77604	21.239	ng/ul	99
41) 2,4,6-Trichlorophenol	13.299	196	79135	21.822	ng/ul	85
42) 2,4,5-Trichlorophenol	13.369	196	86051	22.614	ng/ul	97
43) 1,1'-Biphenyl	13.704	154	339413	21.242	ng/ul	98
44) 2-Chloronaphthalene	13.757	162	254640	21.167	ng/ul	94
45) 2-Nitroaniline	13.975	65	80258	23.651	ng/ul	98
47) Dimethylphthalate	14.310	163	315094	21.506	ng/ul	98
48) 2,6-Dinitrotoluene	14.456	165	60846	24.417	ng/ul	91
50) Acenaphthylene	14.603	152	413849	21.594	ng/ul	99
51) 3-Nitroaniline	14.797	138	66104	24.573	ng/ul#	99
52) Acenaphthene	14.932	153	282125	21.447	ng/ul	92
53) 2,4-Dinitrophenol	14.991	184	29558	21.338	ng/ul	89
55) 4-Nitrophenol	15.073	109	38296	21.734	ng/ul	97
56) Dibenzofuran	15.261	168	380661	21.831	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	87624	23.748	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.473	232	77297	22.438	ng/ul	96
59) Diethylphthalate	15.655	149	310938	21.953	ng/ul	98
61) Fluorene	15.914	166	310250	21.191	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.896	204	155655	21.327	ng/ul	97
63) 4-Nitroaniline	15.961	138	62004	25.046	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.984	198	56356	23.508	ng/ul#	85
67) N-Nitrosodiphenylamine	16.113	169	254046	21.547	ng/ul	99
68) 4-Bromophenyl-phenylether	16.795	248	93420	21.801	ng/ul	97
69) Hexachlorobenzene	16.883	284	106082	21.914	ng/ul	96
70) Atrazine	17.047	200	100747	22.472	ng/ul	98
71) Pentachlorophenol	17.241	266	62578	22.461	ng/ul	98
72) Phenanthrene	17.659	178	519416	21.398	ng/ul	99
74) Anthracene	17.753	178	535157	21.351	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.663	216	128934	22.120	ng/uL	98
76) Pentachlorobenzene	15.156	250	119653	20.790	ng/uL	98
77) Carbazole	18.029	167	445812	21.823	ng/ul	99
78) Di-n-butylphthalate	18.534	149	541962	22.381	ng/ul	100
80) Fluoranthene	19.656	202	589082	21.671	ng/ul	98
82) Pyrene	20.020	202	617942	21.462	ng/ul	98
83) Butylbenzylphthalate	20.878	149	229927	22.645	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.818	252	209738	22.985	ng/ul	98
85) Benzo(a)anthracene	21.901	228	587733	21.189	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.736	149	340436	22.081	ng/ul	94
87) Chrysene	21.971	228	563561	21.513	ng/ul	97
89) Di-n-octyl phthalate	23.035	149	587745	21.815	ng/ul	100
90) Benzo(b)fluoranthene	24.280	252	601729	21.207	ng/ul	99
91) Benzo(k)fluoranthene	24.357	252	608640	21.171	ng/ul	98
93) Benzo(a)pyrene	25.244	252	574418	21.341	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.433	276	641020	21.038	ng/ul	96
95) Dibenzo(a,h)anthracene	29.509	278	522257	21.077	ng/ul	99
96) Benzo(g,h,i)perylene	30.720	276	510022	20.587	ng/ul	99

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

