

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061864.D
 Acq On : 3 Jul 2024 15:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020552

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 15:52:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	34913	20.000	ng/u1	0.00
20) Naphthalene-d8	10.914	136	175746	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	129194	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	314913	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.725	240	286397	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	335108	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	6990	7.524	ng/uL	0.00
4) Pyridine-d5	3.904	84	52150	18.255	ng/u1	0.00
7) Phenol-d5	7.248	99	72258	18.912	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	45707	18.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	51207	19.538	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	58716	19.518	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	27839	20.828	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	33327	21.834	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	61860	21.011	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.043	131	89444	20.926	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	209972	19.769	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	226636	20.406	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	35416	20.880	ng/u1	0.00
60) Fluorene-d10	15.708	176	181852	20.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	36524	22.084	ng/u1	0.00
73) Anthracene-d10	17.559	188	301977	20.539	ng/u1	0.00
81) Pyrene-d10	19.839	212	340477	20.212	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	342672	20.618	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	9550	9.313	ng/uL#	82
5) Pyridine	3.922	79	61421	20.965	ng/u1	94
6) Benzaldehyde	7.236	77	45821	22.660	ng/u1	90
8) Phenol	7.271	94	74955	19.161	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.512	93	57870	19.258	ng/u1	97
12) 2-Chlorophenol	7.659	128	53574	20.065	ng/u1	97
13) 2-Methylphenol	8.534	108	55654	19.933	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.622	45	126623	19.287	ng/u1#	93
16) Acetophenone	8.922	105	94345	18.986	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.899	70	55073	19.797	ng/u1#	95
18) 4-Methylphenol	8.857	108	59936	19.169	ng/u1	95
19) Hexachloroethane	9.186	117	21986	18.981	ng/u1#	78
22) Nitrobenzene	9.304	77	75956	20.020	ng/u1#	94
23) Isophorone	9.827	82	156425	18.249	ng/u1	100
25) 2-Nitrophenol	10.015	139	31564	20.277	ng/u1	89
26) 2,4-Dimethylphenol	10.068	107	77277	20.743	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.309	93	91144	19.309	ng/u1	99
29) 2,4-Dichlorophenol	10.555	162	56523	20.438	ng/u1	95
30) Naphthalene	10.961	128	196243	20.328	ng/u1	99
32) 4-Chloroaniline	11.067	127	85156	20.304	ng/u1	99
33) Hexachlorobutadiene	11.231	225	42555	20.448	ng/u1	94
34) Caprolactam	11.819	113	22387m	20.662	ng/u1	
35) 4-Chloro-3-methylphenol	12.177	107	73035	19.829	ng/u1	97
36) 2-Methylnaphthalene	12.559	142	145026	20.736	ng/u1	90

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37) 1-Methylnaphthalene	12.776	142	147589	20.306	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.917	216	78308	20.184	ng/ul	95
40) Hexachlorocyclopentadiene	12.894	237	47642	18.447	ng/ul#	88
41) 2,4,6-Trichlorophenol	13.158	196	49740	19.302	ng/ul	98
42) 2,4,5-Trichlorophenol	13.229	196	54837m	19.372	ng/ul	
43) 1,1'-Biphenyl	13.558	154	194278	19.517	ng/ul	98
44) 2-Chloronaphthalene	13.605	162	150430	20.136	ng/ul	96
45) 2-Nitroaniline	13.805	65	59650	19.938	ng/ul	88
47) Dimethylphthalate	14.169	163	202506	19.822	ng/ul	97
48) 2,6-Dinitrotoluene	14.292	165	42623	21.992	ng/ul	90
50) Acenaphthylene	14.445	152	243378	19.966	ng/ul	99
51) 3-Nitroaniline	14.621	138	39287	20.825	ng/ul	97
52) Acenaphthene	14.786	153	170685	20.279	ng/ul	93
53) 2,4-Dinitrophenol	14.827	184	20064	19.815	ng/ul#	78
55) 4-Nitrophenol	14.927	109	38854	20.070	ng/ul	94
56) Dibenzofuran	15.115	168	240097	20.183	ng/ul	98
57) 2,4-Dinitrotoluene	15.074	165	61603	21.674	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.338	232	51455	20.130	ng/ul#	94
59) Diethylphthalate	15.526	149	221669	20.135	ng/ul	98
61) Fluorene	15.767	166	202265	19.993	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.755	204	100937	19.863	ng/ul	90
63) 4-Nitroaniline	15.779	138	41129	21.485	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.832	198	35579	19.989	ng/ul#	93
67) N-Nitrosodiphenylamine	15.967	169	175090	20.359	ng/ul	92
68) 4-Bromophenyl-phenylether	16.648	248	71722	20.075	ng/ul	96
69) Hexachlorobenzene	16.760	284	83017	20.208	ng/ul	93
70) Atrazine	16.907	200	69565	20.491	ng/ul	97
71) Pentachlorophenol	17.107	266	44527	19.719	ng/ul	98
72) Phenanthrene	17.500	178	339143	20.424	ng/ul	98
74) Anthracene	17.594	178	349340	20.358	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.523	216	79037	20.208	ng/ul	93
76) Pentachlorobenzene	15.033	250	89733	20.115	ng/ul	93
77) Carbazole	17.864	167	309090	21.403	ng/ul	98
78) Di-n-butylphthalate	18.411	149	378549	20.417	ng/ul	99
80) Fluoranthene	19.510	202	402814	20.206	ng/ul	97
82) Pyrene	19.868	202	411011	19.959	ng/ul	97
83) Butylbenzylphthalate	20.743	149	173790	20.109	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.619	252	152565	22.392	ng/ul	97
85) Benzo(a)anthracene	21.707	228	424403	20.467	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	249751	20.138	ng/ul#	99
87) Chrysene	21.772	228	401494	20.683	ng/ul	97
89) Di-n-octyl phthalate	22.829	149	426797	20.847	ng/ul	100
90) Benzo(b)fluoranthene	23.934	252	431914	20.457	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	433527m	20.591	ng/ul	
93) Benzo(a)pyrene	24.815	252	402731	20.144	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.664	276	524205	20.518	ng/ul	97
95) Dibenzo(a,h)anthracene	28.734	278	430765	20.415	ng/ul	97
96) Benzo(g,h,i)perylene	29.815	276	414778m	20.407	ng/ul	

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

