

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061612.D
 Acq On : 21 Jun 2024 9:09
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020527

Quant Time: Jun 21 11:10:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	39887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.886	136	197618	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	149823	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.443	188	377494	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	360464	20.000	ng/u1	0.00
88) Perylene-d12	24.941	264	428194	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	9622	8.714	ng/uL	0.00
4) Pyridine-d5	3.883	84	69958	20.956	ng/u1	0.00
7) Phenol-d5	7.208	99	85783	19.811	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.396	67	53313	19.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.596	132	59581	20.051	ng/u1	0.00
15) 4-Methylphenol-d8	8.765	113	66353	19.822	ng/u1	0.00
21) Nitrobenzene-d5	9.235	128	26816	19.985	ng/u1	0.00
24) 2-Nitrophenol-d4	9.964	143	28155	20.717	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	63052	19.594	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	99195	20.360	ng/u1	0.00
46) Dimethylphthalate-d6	14.106	166	237358	20.587	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	252511	19.985	ng/u1	0.00
54) 4-Nitrophenol-d4	14.870	143	41775	21.097	ng/u1	0.00
60) Fluorene-d10	15.693	176	204008	20.212	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	25117	15.560	ng/u1	0.00
73) Anthracene-d10	17.543	188	353156	20.495	ng/u1	0.00
81) Pyrene-d10	19.823	212	409865	20.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.717	264	406443	19.874	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.501	88	10375	7.561	ng/uL#	92
5) Pyridine	3.900	79	68842	19.183	ng/u1	97
6) Benzaldehyde	7.208	77	50316	23.614	ng/u1	91
8) Phenol	7.238	94	88497	19.421	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.490	93	69856	20.368	ng/u1	92
12) 2-Chlorophenol	7.631	128	61465	20.618	ng/u1	96
13) 2-Methylphenol	8.501	108	64143	20.120	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.595	45	143054m	20.416	ng/u1	
16) Acetophenone	8.900	105	111008	20.139	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.877	70	58172	19.646	ng/u1#	98
18) 4-Methylphenol	8.824	108	73673	20.627	ng/u1	98
19) Hexachloroethane	9.165	117	23736	19.858	ng/u1	95
22) Nitrobenzene	9.277	77	79248	20.501	ng/u1	98
23) Isophorone	9.805	82	181746	20.444	ng/u1	98
25) 2-Nitrophenol	9.993	139	29733	20.923	ng/u1#	76
26) 2,4-Dimethylphenol	10.040	107	81560	20.521	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.287	93	103238	20.529	ng/u1#	93
29) 2,4-Dichlorophenol	10.522	162	59497	20.180	ng/u1	97
30) Naphthalene	10.939	128	216324	19.564	ng/u1	99
32) 4-Chloroaniline	11.039	127	96996	20.074	ng/u1	90
33) Hexachlorobutadiene	11.215	225	43749	21.482	ng/u1	96
34) Caprolactam	11.797	113	26978m	22.129	ng/u1	
35) 4-Chloro-3-methylphenol	12.144	107	82150	19.925	ng/u1	93
36) 2-Methylnaphthalene	12.537	142	158593	20.327	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.755	142	162708	19.545	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.896	216	82631	19.488	ng/ul#	95
40) Hexachlorocyclopentadiene	12.878	237	46351	18.372	ng/ul	96
41) 2,4,6-Trichlorophenol	13.131	196	54638	19.972	ng/ul	94
42) 2,4,5-Trichlorophenol	13.195	196	60866	20.412	ng/ul	87
43) 1,1'-Biphenyl	13.542	154	213617	19.683	ng/ul	96
44) 2-Chloronaphthalene	13.577	162	164261	19.704	ng/ul	97
45) 2-Nitroaniline	13.777	65	54633	19.144	ng/ul#	88
47) Dimethylphthalate	14.153	163	223528	19.524	ng/ul	98
48) 2,6-Dinitrotoluene	14.271	165	37076	19.515	ng/ul	86
50) Acenaphthylene	14.423	152	276850	19.629	ng/ul	99
51) 3-Nitroaniline	14.594	138	41618	21.391	ng/ul#	98
52) Acenaphthene	14.764	153	196481	20.115	ng/ul	90
53) 2,4-Dinitrophenol	14.799	184	15983	16.555	ng/ul	94
55) 4-Nitrophenol	14.882	109	38597	18.876	ng/ul	94
56) Dibenzofuran	15.099	168	271384	19.854	ng/ul	95
57) 2,4-Dinitrotoluene	15.052	165	58731	20.826	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.311	232	57635	19.713	ng/ul#	96
59) Diethylphthalate	15.516	149	240069	20.359	ng/ul	97
61) Fluorene	15.745	166	232599	20.562	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.740	204	112174	19.975	ng/ul	95
63) 4-Nitroaniline	15.757	138	45299	21.977	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.810	198	31561	17.262	ng/ul#	97
67) N-Nitrosodiphenylamine	15.951	169	198410	20.325	ng/ul	98
68) 4-Bromophenyl-phenylether	16.633	248	76654	19.722	ng/ul	90
69) Hexachlorobenzene	16.744	284	91620	19.424	ng/ul	96
70) Atrazine	16.897	200	81315	20.854	ng/ul	97
71) Pentachlorophenol	17.079	266	50672	17.636	ng/ul	98
72) Phenanthrene	17.485	178	396937	19.987	ng/ul	99
74) Anthracene	17.579	178	412031	20.288	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	82968	19.727	ng/uL	96
76) Pentachlorobenzene	15.011	250	98118	19.427	ng/uL	96
77) Carbazole	17.843	167	367540	21.314	ng/ul	100
78) Di-n-butylphthalate	18.413	149	428213	20.763	ng/ul	99
80) Fluoranthene	19.494	202	472682	20.233	ng/ul	98
82) Pyrene	19.852	202	501465	20.187	ng/ul	98
83) Butylbenzylphthalate	20.745	149	191803	21.206	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.603	252	163300	21.425	ng/ul	100
85) Benzo(a)anthracene	21.691	228	514029	20.315	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.621	149	268937	20.229	ng/ul	95
87) Chrysene	21.756	228	480589	20.073	ng/ul	99
89) Di-n-octyl phthalate	22.849	149	451178	19.977	ng/ul	100
90) Benzo(b)fluoranthene	23.912	252	521960	20.278	ng/ul	98
91) Benzo(k)fluoranthene	23.983	252	528951	19.982	ng/ul	99
93) Benzo(a)pyrene	24.788	252	496258	20.026	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.613	276	600873m	19.459	ng/ul	
95) Dibenzo(a,h)anthracene	28.695	278	508118	19.788	ng/ul	98
96) Benzo(g,h,i)perylene	29.758	276	491579	19.748	ng/ul	97

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

