

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061735.D
 Acq On : 27 Jun 2024 10:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020540

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 23:23:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	66667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	311353	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	209760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.431	188	512411	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	464642	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	493851	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	17046	9.237	ng/uL	0.00
4) Pyridine-d5	3.870	84	121002	21.686	ng/u1	0.00
7) Phenol-d5	7.201	99	140519	19.416	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	92058	20.405	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	95933	19.316	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	110097	19.678	ng/u1	0.00
21) Nitrobenzene-d5	9.223	128	41146	19.463	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	40127	18.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	103125	20.340	ng/u1	0.00
31) 4-Chloroaniline-d4	10.997	131	152481	19.865	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	333426	20.656	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	380455	21.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	50898	18.360	ng/u1	0.00
60) Fluorene-d10	15.674	176	296170	20.958	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	35708	16.297	ng/u1	0.00
73) Anthracene-d10	17.530	188	485332	20.750	ng/u1	0.00
81) Pyrene-d10	19.810	212	576076	22.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.687	264	499020	21.157	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.488	88	19026	8.296	ng/uL#	89
5) Pyridine	3.893	79	122537	20.429	ng/u1	98
6) Benzaldehyde	7.195	77	86825	24.379	ng/u1	91
8) Phenol	7.231	94	148121	19.449	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.477	93	111899	19.521	ng/u1	98
12) 2-Chlorophenol	7.613	128	98636	19.796	ng/u1#	92
13) 2-Methylphenol	8.488	108	103129	19.354	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.576	45	241354	20.609	ng/u1#	95
16) Acetophenone	8.882	105	178703	19.397	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.864	70	99654	20.136	ng/u1	95
18) 4-Methylphenol	8.817	108	116509	19.517	ng/u1	89
19) Hexachloroethane	9.146	117	40128	20.086	ng/u1	92
22) Nitrobenzene	9.264	77	125022	20.528	ng/u1	96
23) Isophorone	9.787	82	282454	20.167	ng/u1	97
25) 2-Nitrophenol	9.975	139	42954	19.185	ng/u1#	84
26) 2,4-Dimethylphenol	10.027	107	129584	20.694	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.274	93	162470	20.506	ng/u1	95
29) 2,4-Dichlorophenol	10.509	162	97655	21.023	ng/u1	98
30) Naphthalene	10.921	128	357385	20.514	ng/u1	99
32) 4-Chloroaniline	11.026	127	152266	20.001	ng/u1	95
33) Hexachlorobutadiene	11.197	225	75534	23.541	ng/u1	96
34) Caprolactam	11.772	113	36035m	18.761	ng/u1	
35) 4-Chloro-3-methylphenol	12.131	107	121760	18.745	ng/u1	96
36) 2-Methylnaphthalene	12.519	142	248766	20.237	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	258349	19.697	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.883	216	131576	22.164	ng/ul	98
40) Hexachlorocyclopentadiene	12.859	237	66468	18.818	ng/ul	97
41) 2,4,6-Trichlorophenol	13.118	196	79786	20.831	ng/ul	87
42) 2,4,5-Trichlorophenol	13.188	196	82401	19.738	ng/ul	88
43) 1,1'-Biphenyl	13.523	154	335032	22.049	ng/ul	100
44) 2-Chloronaphthalene	13.564	162	247923	21.242	ng/ul	96
45) 2-Nitroaniline	13.764	65	76081	19.042	ng/ul	96
47) Dimethylphthalate	14.140	163	322188	20.100	ng/ul	97
48) 2,6-Dinitrotoluene	14.258	165	46814	17.600	ng/ul	95
50) Acenaphthylene	14.411	152	412710	20.900	ng/ul	97
51) 3-Nitroaniline	14.587	138	57278	21.028	ng/ul#	89
52) Acenaphthene	14.751	153	291248	21.297	ng/ul	97
53) 2,4-Dinitrophenol	14.787	184	20302	15.020	ng/ul#	86
55) 4-Nitrophenol	14.881	109	51844	18.109	ng/ul	96
56) Dibenzofuran	15.086	168	398993	20.849	ng/ul	95
57) 2,4-Dinitrotoluene	15.039	165	72401	18.337	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.304	232	76056	18.580	ng/ul#	96
59) Diethylphthalate	15.498	149	330193	20.001	ng/ul	95
61) Fluorene	15.733	166	330601	20.874	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.727	204	164230	20.889	ng/ul	96
63) 4-Nitroaniline	15.744	138	62999	21.831	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.797	198	37655	15.172	ng/ul	96
67) N-Nitrosodiphenylamine	15.938	169	276899	20.897	ng/ul	93
68) 4-Bromophenyl-phenylether	16.620	248	110994	21.038	ng/ul	91
69) Hexachlorobenzene	16.725	284	131975	20.613	ng/ul	92
70) Atrazine	16.884	200	115488	21.820	ng/ul	94
71) Pentachlorophenol	17.072	266	67729m	17.366	ng/ul	
72) Phenanthrene	17.472	178	561168	20.817	ng/ul	98
74) Anthracene	17.566	178	579837	21.034	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.482	216	130509	22.861	ng/ul	93
76) Pentachlorobenzene	14.998	250	145746	21.259	ng/ul	94
77) Carbazole	17.830	167	513460	21.936	ng/ul	98
78) Di-n-butylphthalate	18.394	149	599508	21.415	ng/ul	99
80) Fluoranthene	19.475	202	668768	22.208	ng/ul	98
82) Pyrene	19.839	202	697973	21.798	ng/ul	97
83) Butylbenzylphthalate	20.727	149	268974	23.071	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.590	252	225946	22.998	ng/ul	92
85) Benzo(a)anthracene	21.673	228	658460	20.189	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.590	149	391902	22.868	ng/ul	99
87) Chrysene	21.737	228	619618	20.077	ng/ul	99
89) Di-n-octyl phthalate	22.807	149	628443	24.127	ng/ul	100
90) Benzo(b)fluoranthene	23.888	252	614504	20.700	ng/ul	95
91) Benzo(k)fluoranthene	23.958	252	641885	21.024	ng/ul	99
93) Benzo(a)pyrene	24.763	252	585943	20.502	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.565	276	728404	20.452	ng/ul	98
95) Dibenzo(a,h)anthracene	28.635	278	601996	20.328	ng/ul	99
96) Benzo(g,h,i)perylene	29.710	276	586721	20.437	ng/ul	99

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

