

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062805.D
 Acq On : 14 Sep 2024 10:44
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020488

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 14 23:24:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	37316	20.000	ng/u1	0.00
20) Naphthalene-d8	10.695	136	159904	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.532	164	132196	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.276	188	357430	20.000	ng/u1	0.00
79) Chrysene-d12	21.524	240	404960	20.000	ng/u1	0.00
88) Perylene-d12	24.585	264	449940	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	6595	7.989	ng/uL	0.00
4) Pyridine-d5	3.768	84	47225	17.972	ng/u1	0.00
7) Phenol-d5	7.064	99	61645	18.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	35989	18.345	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	48012	20.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	54269	19.902	ng/u1	0.00
21) Nitrobenzene-d5	9.056	128	24935	21.818	ng/u1	0.00
24) 2-Nitrophenol-d4	9.773	143	29552	23.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.313	165	55856	20.520	ng/u1	0.00
31) 4-Chloroaniline-d4	10.824	131	70899	18.949	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	192630	18.922	ng/u1	0.00
49) Acenaphthylene-d8	14.220	160	217642	19.250	ng/u1	0.00
54) 4-Nitrophenol-d4	14.732	143	35066	20.277	ng/u1	0.00
60) Fluorene-d10	15.525	176	177154	19.312	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	41116	19.998	ng/u1	0.00
73) Anthracene-d10	17.376	188	331640	19.660	ng/u1	0.00
81) Pyrene-d10	19.667	212	441515	19.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.373	264	461106	19.408	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.392	88	7510	8.117	ng/uL#	94
5) Pyridine	3.786	79	48604	17.635	ng/u1	100
6) Benzaldehyde	7.041	77	41589m	23.117	ng/u1	
8) Phenol	7.094	94	64374	18.925	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.323	93	48258	18.768	ng/u1	99
12) 2-Chlorophenol	7.470	128	51489	21.128	ng/u1	96
13) 2-Methylphenol	8.339	108	48623	19.063	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.416	45	83191	17.975	ng/u1	99
16) Acetophenone	8.715	105	86958	19.621	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.703	70	46295	19.955	ng/u1	96
18) 4-Methylphenol	8.668	108	58176	20.273	ng/u1	98
19) Hexachloroethane	8.980	117	22015	22.440	ng/u1	91
22) Nitrobenzene	9.097	77	64547	20.877	ng/u1	90
23) Isophorone	9.614	82	130063	20.576	ng/u1	98
25) 2-Nitrophenol	9.808	139	31956	23.197	ng/u1#	92
26) 2,4-Dimethylphenol	9.867	107	63374	21.529	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.102	93	71614	20.272	ng/u1	96
29) 2,4-Dichlorophenol	10.343	162	54819	20.448	ng/u1	96
30) Naphthalene	10.742	128	164315	19.165	ng/u1	99
32) 4-Chloroaniline	10.848	127	70715	19.004	ng/u1	99
33) Hexachlorobutadiene	11.030	225	48576	21.750	ng/u1	95
34) Caprolactam	11.600	113	20383m	20.629	ng/u1	
35) 4-Chloro-3-methylphenol	11.976	107	61461	21.016	ng/u1	100
36) 2-Methylnaphthalene	12.352	142	130728	20.659	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	130277	20.099	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	93051	20.474	ng/ul	95
40) Hexachlorocyclopentadiene	12.699	237	49407	21.246	ng/ul	92
41) 2,4,6-Trichlorophenol	12.963	196	59094	21.467	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	64380	21.782	ng/ul	92
43) 1,1'-Biphenyl	13.363	154	181214	19.493	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	149452	19.771	ng/ul	97
45) 2-Nitroaniline	13.604	65	44127	21.273	ng/ul	95
47) Dimethylphthalate	13.980	163	200759	19.149	ng/ul	99
48) 2,6-Dinitrotoluene	14.103	165	39421	21.343	ng/ul	95
50) Acenaphthylene	14.250	152	228506	19.144	ng/ul	99
51) 3-Nitroaniline	14.432	138	39138	21.165	ng/ul	99
52) Acenaphthene	14.597	153	159915	18.914	ng/ul	99
53) 2,4-Dinitrophenol	14.638	184	23641	19.384	ng/ul	90
55) 4-Nitrophenol	14.743	109	34090	21.930	ng/ul	97
56) Dibenzofuran	14.931	168	237507	18.909	ng/ul	98
57) 2,4-Dinitrotoluene	14.890	165	60979	21.116	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.155	232	63499	21.200	ng/ul	98
59) Diethylphthalate	15.349	149	195460	18.899	ng/ul	99
61) Fluorene	15.578	166	188352	19.089	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.572	204	113208	19.560	ng/ul	98
63) 4-Nitroaniline	15.595	138	43096	21.657	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.654	198	43278	20.307	ng/ul#	93
67) N-Nitrosodiphenylamine	15.783	169	172469	18.815	ng/ul	99
68) 4-Bromophenyl-phenylether	16.465	248	80282	19.519	ng/ul	98
69) Hexachlorobenzene	16.582	284	89644	19.089	ng/ul	96
70) Atrazine	16.735	200	84509	20.699	ng/ul	99
71) Pentachlorophenol	16.923	266	56753	20.205	ng/ul	93
72) Phenanthrene	17.317	178	355404	19.121	ng/ul	98
74) Anthracene	17.411	178	369416	19.495	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.327	216	96030	19.674	ng/ul	100
76) Pentachlorobenzene	14.849	250	103200	19.079	ng/ul	96
77) Carbazole	17.675	167	328328	20.894	ng/ul	98
78) Di-n-butylphthalate	18.239	149	390284	21.001	ng/ul	99
80) Fluoranthene	19.332	202	494642	19.599	ng/ul	99
82) Pyrene	19.696	202	520215	19.148	ng/ul	98
83) Butylbenzylphthalate	20.584	149	178674	22.154	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.424	252	187273	21.966	ng/ul	97
85) Benzo(a)anthracene	21.506	228	549688	19.517	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.418	149	260233	21.914	ng/ul	99
87) Chrysene	21.571	228	518512	19.405	ng/ul	99
89) Di-n-octyl phthalate	22.575	149	438667	20.960	ng/ul	100
90) Benzo(b)fluoranthene	23.615	252	529347	19.055	ng/ul	98
91) Benzo(k)fluoranthene	23.680	252	550183	19.342	ng/ul	99
93) Benzo(a)pyrene	24.444	252	496729	18.958	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.045	276	641121m	19.859	ng/ul	
95) Dibenzo(a,h)anthracene	28.098	278	513680	19.810	ng/ul	99
96) Benzo(g,h,i)perylene	29.115	276	487291	19.544	ng/ul	99

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

