

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
 Data File : BG063604.D
 Acq On : 9 Dec 2024 16:12
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020557

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 01:08:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 15:14:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	123527	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	580642	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	467907	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.218	188	1111448	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.478	240	925808	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	1022287	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	18865m	6.742	ng/uL	0.00
4) Pyridine-d5	3.687	84	161549	15.607	ng/u1	0.00
7) Phenol-d5	6.995	99	230253	18.932	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.154	67	153333	18.646	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	152542	21.292	ng/u1	0.00
15) 4-Methylphenol-d8	8.535	113	178319	19.775	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	82138	20.153	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	91386	19.594	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	186630	18.585	ng/u1	0.01
31) 4-Chloroaniline-d4	10.750	131	245326	20.215	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	651369	19.155	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	778694	20.949	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	84500m	19.406	ng/u1	0.00
60) Fluorene-d10	15.462	176	603555	18.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	101584	16.179	ng/u1	0.00
73) Anthracene-d10	17.318	188	1040795	20.508	ng/u1	0.00
81) Pyrene-d10	19.616	212	1093218	21.303	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	1031309	20.086	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	22738	6.103	ng/uL#	67
5) Pyridine	3.711	79	179558	16.704	ng/u1#	89
6) Benzaldehyde	6.960	77	165327	21.242	ng/u1	99
8) Phenol	7.025	94	246353	18.843	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.242	93	181532	20.097	ng/u1	86
12) 2-Chlorophenol	7.389	128	159561	22.008	ng/u1	98
13) 2-Methylphenol	8.270	108	183553	20.120	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.341	45	272971	22.472	ng/u1	98
16) Acetophenone	8.634	105	334252	20.135	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.623	70	188110	19.889	ng/u1	98
18) 4-Methylphenol	8.599	108	203868	20.350	ng/u1	100
19) Hexachloroethane	8.899	117	76820	19.828	ng/u1	92
22) Nitrobenzene	9.016	77	277004	16.802	ng/u1#	91
23) Isophorone	9.539	82	525852	17.691	ng/u1	97
25) 2-Nitrophenol	9.727	139	92531	19.911	ng/u1	92
26) 2,4-Dimethylphenol	9.798	107	237474	18.752	ng/u1#	84
27) Bis(2-Chloroethoxy)met...	10.021	93	278596	20.059	ng/u1	98
29) 2,4-Dichlorophenol	10.268	162	187992	18.675	ng/u1	93
30) Naphthalene	10.661	128	610683	20.431	ng/u1	96
32) 4-Chloroaniline	10.773	127	232143	20.193	ng/u1	92
33) Hexachlorobutadiene	10.949	225	162971	15.691	ng/u1	94
34) Caprolactam	11.519	113	62779	19.051	ng/u1	85
35) 4-Chloro-3-methylphenol	11.913	107	236521	18.836	ng/u1	93
36) 2-Methylnaphthalene	12.277	142	456607	19.815	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	483808	20.707	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.653	216	314776	17.304	ng/ul	95
40) Hexachlorocyclopentadiene	12.630	237	103996	13.695	ng/ul	97
41) 2,4,6-Trichlorophenol	12.894	196	171534	19.120	ng/ul	100
42) 2,4,5-Trichlorophenol	12.976	196	183639	18.973	ng/ul#	95
43) 1,1'-Biphenyl	13.294	154	648246	20.871	ng/ul#	94
44) 2-Chloronaphthalene	13.335	162	521530	20.373	ng/ul	96
45) 2-Nitroaniline	13.540	65	166175	19.871	ng/ul	88
47) Dimethylphthalate	13.916	163	644220	18.725	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	115324	18.168	ng/ul	84
50) Acenaphthylene	14.187	152	835706	21.379	ng/ul	96
51) 3-Nitroaniline	14.375	138	113523	21.220	ng/ul	92
52) Acenaphthene	14.528	153	591704	20.848	ng/ul	94
53) 2,4-Dinitrophenol	14.592	184	57315	18.291	ng/ul#	81
55) 4-Nitrophenol	14.698	109	103159	15.419	ng/ul#	85
56) Dibenzofuran	14.868	168	864863	19.716	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	180832	18.063	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.103	232	160734	17.756	ng/ul	97
59) Diethylphthalate	15.291	149	643815	19.204	ng/ul	97
61) Fluorene	15.520	166	670469	18.765	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.509	204	375867	16.335	ng/ul	97
63) 4-Nitroaniline	15.544	138	114322	19.871	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.609	198	108447	17.299	ng/ul#	99
67) N-Nitrosodiphenylamine	15.726	169	592159	22.750	ng/ul	97
68) 4-Bromophenyl-phenylether	16.408	248	254096	19.348	ng/ul#	88
69) Hexachlorobenzene	16.531	284	264917	18.739	ng/ul	98
70) Atrazine	16.678	200	245560	20.183	ng/ul#	87
71) Pentachlorophenol	16.878	266	133361m	26.830	ng/ul	
72) Phenanthrene	17.260	178	1162307	21.230	ng/ul	99
74) Anthracene	17.354	178	1185670	20.972	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.264	216	317441	20.237	ng/ul	99
76) Pentachlorobenzene	14.792	250	320934	19.584	ng/ul	99
77) Carbazole	17.624	167	990776	21.874	ng/ul	98
78) Di-n-butylphthalate	18.188	149	1032124	21.345	ng/ul#	97
80) Fluoranthene	19.287	202	1284093	22.265	ng/ul#	96
82) Pyrene	19.651	202	1327793	21.657	ng/ul#	94
83) Butylbenzylphthalate	20.544	149	345720m	26.778	ng/ul	
84) 3,3'-Dichlorobenzidine	21.378	252	393297	24.816	ng/ul#	98
85) Benzo(a)anthracene	21.461	228	1281232	20.520	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.372	149	523046	26.947	ng/ul#	95
87) Chrysene	21.519	228	1197942	20.424	ng/ul	98
89) Di-n-octyl phthalate	22.512	149	933929	26.141	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1237009	19.479	ng/ul#	96
91) Benzo(k)fluoranthene	23.617	252	1318879	20.893	ng/ul#	98
93) Benzo(a)pyrene	24.375	252	1195877	20.078	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.935	276	1487299	20.700	ng/ul#	91
95) Dibenzo(a,h)anthracene	27.988	278	1207833	20.960	ng/ul#	94
96) Benzo(g,h,i)perylene	29.011	276	1126824	20.635	ng/ul#	91

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

