

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062104.D
 Acq On : 16 Jul 2024 22:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020575

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 02:09:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	31741	20.000	ng/u1	0.00
20) Naphthalene-d8	10.864	136	186894	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.683	164	124098	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	288748	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.693	240	273634	20.000	ng/u1	# 0.00
88) Perylene-d12	24.918	264	296817	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	5552	6.573	ng/uL	0.00
4) Pyridine-d5	3.860	84	35970	13.850	ng/u1	0.00
7) Phenol-d5	7.227	99	78220	22.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.374	67	40128	18.242	ng/u1	0.00
11) 2-Chlorophenol-d4	7.586	132	55464	23.278	ng/u1	0.00
15) 4-Methylphenol-d8	8.772	113	62752	22.944	ng/u1	0.00
21) Nitrobenzene-d5	9.225	128	25901	18.222	ng/u1	0.00
24) 2-Nitrophenol-d4	9.947	143	35392m	21.804	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	62029	19.812	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	91002	20.020	ng/u1	0.00
46) Dimethylphthalate-d6	14.084	166	190436	18.666	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	216106	20.257	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	30360	18.634	ng/u1	0.00
60) Fluorene-d10	15.676	176	187009	21.773	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	30609m	20.185	ng/u1	0.00
73) Anthracene-d10	17.533	188	288772	21.420	ng/u1	0.00
81) Pyrene-d10	19.812	212	334657	20.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.701	264	295060	20.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.479	88	5198m	5.576	ng/uL	
5) Pyridine	3.878	79	37229	13.977	ng/u1#	81
6) Benzaldehyde	7.186	77	47953	26.084	ng/u1	92
8) Phenol	7.251	94	76908	21.625	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.468	93	51747	18.941	ng/u1	97
12) 2-Chlorophenol	7.621	128	53529	22.051	ng/u1	95
13) 2-Methylphenol	8.502	108	51351	20.230	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.578	45	97927	16.407	ng/u1#	96
16) Acetophenone	8.878	105	97023	21.476	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.855	70	51021	20.173	ng/u1	90
18) 4-Methylphenol	8.837	108	63709	22.412	ng/u1	96
19) Hexachloroethane	9.131	117	25892	24.587	ng/u1#	76
22) Nitrobenzene	9.266	77	73602	18.242	ng/u1	96
23) Isophorone	9.783	82	134760	14.784	ng/u1#	95
25) 2-Nitrophenol	9.971	139	32871	19.857	ng/u1#	88
26) 2,4-Dimethylphenol	10.041	107	79696	20.116	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.265	93	81298	16.196	ng/u1	97
29) 2,4-Dichlorophenol	10.523	162	52957	18.007	ng/u1	92
30) Naphthalene	10.917	128	206235	20.089	ng/u1#	94
32) 4-Chloroaniline	11.029	127	84121	18.860	ng/u1	98
33) Hexachlorobutadiene	11.187	225	53627	24.231	ng/u1	90
34) Caprolactam	11.792	113	18026m	15.644	ng/u1	
35) 4-Chloro-3-methylphenol	12.157	107	69214	17.671	ng/u1	95
36) 2-Methylnaphthalene	12.515	142	149478	20.098	ng/u1	97

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37) 1-Methylnaphthalene	12.738	142	158330	20.485	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.879	216	91881	24.655	ng/ul	91
40) Hexachlorocyclopentadiene	12.850	237	41544	16.746	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.132	196	46610	18.830	ng/ul	94
42) 2,4,5-Trichlorophenol	13.208	196	53299	19.602	ng/ul	86
43) 1,1'-Biphenyl	13.520	154	212480	22.222	ng/ul	96
44) 2-Chloronaphthalene	13.567	162	164120	22.870	ng/ul	94
45) 2-Nitroaniline	13.772	65	70200	24.428	ng/ul	93
47) Dimethylphthalate	14.131	163	177585	18.096	ng/ul	98
48) 2,6-Dinitrotoluene	14.260	165	39867	21.415	ng/ul	93
50) Acenaphthylene	14.413	152	228067	19.478	ng/ul	98
51) 3-Nitroaniline	14.595	138	37434	20.657	ng/ul	96
52) Acenaphthene	14.748	153	175270	21.678	ng/ul	95
53) 2,4-Dinitrophenol	14.806	184	18676	19.202	ng/ul	94
55) 4-Nitrophenol	14.924	109	42591	22.904	ng/ul	93
56) Dibenzofuran	15.083	168	253454	22.180	ng/ul	94
57) 2,4-Dinitrotoluene	15.047	165	65115	23.850	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.312	232	52049	21.198	ng/ul#	94
59) Diethylphthalate	15.488	149	222537	21.044	ng/ul	95
61) Fluorene	15.729	166	207997	21.404	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.717	204	111016	22.744	ng/ul	91
63) 4-Nitroaniline	15.758	138	39063m	21.244	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.817	198	29967	18.362	ng/ul#	98
67) N-Nitrosodiphenylamine	15.935	169	154131	19.546	ng/ul	96
68) 4-Bromophenyl-phenylether	16.610	248	78646	24.008	ng/ul	95
69) Hexachlorobenzene	16.728	284	92550	24.570	ng/ul	97
70) Atrazine	16.881	200	76975	24.728	ng/ul	97
71) Pentachlorophenol	17.080	266	37783	18.249	ng/ul	95
72) Phenanthrene	17.474	178	310087	20.367	ng/ul	98
74) Anthracene	17.562	178	339131	21.554	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.490	216	92041	25.665	ng/ul	96
76) Pentachlorobenzene	15.000	250	104505	25.549	ng/ul	96
77) Carbazole	17.838	167	293608	22.173	ng/ul#	96
78) Di-n-butylphthalate	18.373	149	314827	18.518	ng/ul#	97
80) Fluoranthene	19.477	202	389819	20.466	ng/ul#	92
82) Pyrene	19.842	202	395437	20.098	ng/ul#	91
83) Butylbenzylphthalate	20.711	149	138821	16.812	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.587	252	152262	23.390	ng/ul#	95
85) Benzo(a)anthracene	21.675	228	400155	20.198	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	230711	19.471	ng/ul	98
87) Chrysene	21.740	228	376891	20.321	ng/ul	98
89) Di-n-octyl phthalate	22.768	149	351293	19.373	ng/ul	100
90) Benzo(b)fluoranthene	23.890	252	417472	22.324	ng/ul#	94
91) Benzo(k)fluoranthene	23.960	252	439064	23.545	ng/ul#	96
93) Benzo(a)pyrene	24.765	252	344943	19.479	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.602	276	445284m	19.677	ng/ul	
95) Dibenzo(a,h)anthracene	28.661	278	364519	19.504	ng/ul	97
96) Benzo(g,h,i)perylene	29.760	276	404198m	22.452	ng/ul	

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

