

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051834.D
 Acq On : 28 Dec 2021 18:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020464

Quant Time: Dec 29 00:19:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	34598	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.112	136	139898	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.907	164	95583	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.656	188	217583	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.974	240	181238	20.000	ng/ul	#-0.01
88) Perylene-d12	25.475	264	158917	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.604	96	6290	7.550	ng/uL	0.00
4) Pyridine-d5	4.033	84	54589	21.687	ng/ul	-0.01
7) Phenol-d5	7.411	99	67384	21.813	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.576	67	40656	22.139	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.799	132	47292	22.012	ng/ul	-0.01
15) 4-Methylphenol-d8	8.974	113	50975	21.348	ng/ul	0.00
21) Nitrobenzene-d5	9.444	128	23860	23.263	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.172	143	26295	23.452	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.724	165	53050	21.818	ng/ul	0.00
31) 4-Chloroaniline-d4	11.229	131	63684	19.893	ng/ul	-0.01
46) Dimethylphthalate-d6	14.296	166	156515	20.458	ng/ul	-0.02
49) Acenaphthylene-d8	14.601	160	201790	21.238	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.083	143	18408	14.796	ng/ul	0.00
60) Fluorene-d10	15.894	176	138190	20.161	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.999	200	20994	18.519	ng/ul	-0.01
73) Anthracene-d10	17.750	188	216715	20.879	ng/ul	-0.01
81) Pyrene-d10	20.029	212	245852	22.539	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.228	264	175553	20.995	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	6988	8.037	ng/uL#	90
5) Pyridine	4.051	79	55673	22.047	ng/ul	92
6) Benzaldehyde	7.393	77	48556	25.193	ng/ul	93
8) Phenol	7.435	94	68068	22.160	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.670	93	49344	21.057	ng/ul	99
12) 2-Chlorophenol	7.834	128	48789	22.138	ng/ul	99
13) 2-Methylphenol	8.709	108	50376	21.736	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.797	45	72283	22.740	ng/ul	97
16) Acetophenone	9.097	105	78641	20.966	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.079	70	46943	20.858	ng/ul	96
18) 4-Methylphenol	9.038	108	52562	21.518	ng/ul	98
19) Hexachloroethane	9.373	117	19670	20.455	ng/ul#	82
22) Nitrobenzene	9.485	77	70840	23.746	ng/ul	99
23) Isophorone	10.013	82	128560	21.465	ng/ul	98
25) 2-Nitrophenol	10.201	139	28725	23.967	ng/ul	99
26) 2,4-Dimethylphenol	10.254	107	61721	21.374	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.489	93	67507	21.227	ng/ul#	98
29) 2,4-Dichlorophenol	10.748	162	51147	22.108	ng/ul	95
30) Naphthalene	11.159	128	159883	21.213	ng/ul	98
32) 4-Chloroaniline	11.259	127	65958	20.177	ng/ul	95
33) Hexachlorobutadiene	11.447	225	39216	19.966	ng/ul	96
34) Caprolactam	12.005	113	15388	21.970	ng/ul	97
35) 4-Chloro-3-methylphenol	12.363	107	55545	21.428	ng/ul	96
36) 2-Methylnaphthalene	12.751	142	113752	21.155	ng/ul	97

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37) 1-Methylnaphthalene	12.968	142	114878	20.576	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.115	216	71904	21.627	ng/ul	98
40) Hexachlorocyclopentadiene	13.097	237	47882	19.835	ng/ul	97
41) 2,4,6-Trichlorophenol	13.344	196	45623	22.668	ng/ul	95
42) 2,4,5-Trichlorophenol	13.421	196	47985	22.749	ng/ul	98
43) 1,1'-Biphenyl	13.744	154	157518	21.514	ng/ul	93
44) 2-Chloronaphthalene	13.791	162	122516	21.644	ng/ul	98
45) 2-Nitroaniline	13.979	65	44215	25.569	ng/ul	94
47) Dimethylphthalate	14.343	163	150652	20.283	ng/ul	98
48) 2,6-Dinitrotoluene	14.460	165	32514	22.899	ng/ul	91
50) Acenaphthylene	14.631	152	200069	21.522	ng/ul	97
51) 3-Nitroaniline	14.795	138	31257	23.022	ng/ul	99
52) Acenaphthene	14.971	153	129471	21.082	ng/ul	96
53) 2,4-Dinitrophenol	15.001	184	13898	16.933	ng/ul#	89
55) 4-Nitrophenol	15.095	109	20827	15.603	ng/ul	97
56) Dibenzofuran	15.306	168	185653	20.527	ng/ul	98
57) 2,4-Dinitrotoluene	15.248	165	45099	22.410	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.524	232	40881	20.393	ng/ul#	91
59) Diethylphthalate	15.700	149	152603	19.723	ng/ul	98
61) Fluorene	15.952	166	150127	20.145	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.935	204	83076	20.014	ng/ul	95
63) 4-Nitroaniline	15.958	138	29339	21.070	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	16.017	198	20794	18.678	ng/ul	94
67) N-Nitrosodiphenylamine	16.146	169	129570	22.140	ng/ul	98
68) 4-Bromophenyl-phenylether	16.834	248	55207	24.914	ng/ul#	85
69) Hexachlorobenzene	16.963	284	60021	21.555	ng/ul#	91
70) Atrazine	17.086	200	53710	20.452	ng/ul	97
71) Pentachlorophenol	17.304	266	31814	18.647	ng/ul	98
72) Phenanthrene	17.697	178	233641	20.877	ng/ul	97
74) Anthracene	17.785	178	232338	20.550	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.714	216	78496	23.450	ng/uL	95
76) Pentachlorobenzene	15.224	250	73844	23.077	ng/uL	99
77) Carbazole	18.050	167	209984	20.741	ng/ul	99
78) Di-n-butylphthalate	18.596	149	249962	20.516	ng/ul	99
80) Fluoranthene	19.694	202	287151	22.934	ng/ul#	92
82) Pyrene	20.059	202	279789	22.581	ng/ul#	89
83) Butylbenzylphthalate	20.928	149	96498	23.223	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.850	252	56938	13.330	ng/ul#	97
85) Benzo(a)anthracene	21.950	228	255354	21.656	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.833	149	134751	23.151	ng/ul	99
87) Chrysene	22.027	228	240834	21.141	ng/ul	99
89) Di-n-octyl phthalate	23.143	149	218966	25.581	ng/ul	100
90) Benzo(b)fluoranthene	24.353	252	232428	21.835	ng/ul#	95
91) Benzo(k)fluoranthene	24.423	252	219766	22.047	ng/ul#	95
93) Benzo(a)pyrene	25.304	252	206926	20.598	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.487	276	168278m	15.343	ng/ul	
95) Dibenzo(a,h)anthracene	29.575	278	125902m	13.441	ng/ul	
96) Benzo(g,h,i)perylene	30.756	276	137921m	14.839	ng/ul	

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

