

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051890.D
 Acq On : 6 Jan 2022 12:51
 Operator : CG/JU
 Sample : SSTD08046
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD080446

Quant Time: Jan 06 14:22:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 13:28:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	29246	20.000	ng/u1	0.00
20) Naphthalene-d8	11.098	136	124520	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.892	164	90270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.642	188	225341	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.965	240	215395	20.000	ng/u1	# 0.00
88) Perylene-d12	25.443	264	222403	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.578	96	22959	32.602	ng/uL	0.00
4) Pyridine-d5	4.007	84	195025	91.659	ng/u1	0.00
7) Phenol-d5	7.397	99	223293	85.511	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.561	67	133530	86.018	ng/u1	0.00
11) 2-Chlorophenol-d4	7.784	132	147971	81.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.965	113	171621	85.025	ng/u1	0.01
21) Nitrobenzene-d5	9.429	128	78372	85.847	ng/u1	0.00
24) 2-Nitrophenol-d4	10.158	143	90128	90.310	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.710	165	176041	81.342	ng/u1	0.00
31) 4-Chloroaniline-d4	11.221	131	234177	82.184	ng/u1	0.00
46) Dimethylphthalate-d6	14.287	166	567523	78.548	ng/u1	0.00
49) Acenaphthylene-d8	14.593	160	696047	77.569	ng/u1	0.00
54) 4-Nitrophenol-d4	15.080	143	100268	85.338	ng/u1	0.01
60) Fluorene-d10	15.885	176	496348	76.677	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.997	200	116249	99.016	ng/u1	0.01
73) Anthracene-d10	17.741	188	812018	75.541	ng/u1	0.00
81) Pyrene-d10	20.021	212	969556	74.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.214	264	938442	80.195	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.614	88	25635	34.880	ng/uL#	93
5) Pyridine	4.025	79	201511	94.404	ng/u1	97
6) Benzaldehyde	7.373	77	97836	60.051	ng/u1	95
8) Phenol	7.426	94	224110	86.311	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.655	93	162342	81.954	ng/u1	98
12) 2-Chlorophenol	7.814	128	152796	82.018	ng/u1	95
13) 2-Methylphenol	8.695	108	167691	85.596	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.783	45	236343	87.959	ng/u1	97
16) Acetophenone	9.083	105	264788	83.513	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.077	70	163596	85.992	ng/u1	94
18) 4-Methylphenol	9.030	108	174761	84.637	ng/u1	97
19) Hexachloroethane	9.359	117	61338	75.458	ng/u1#	78
22) Nitrobenzene	9.470	77	233783	88.042	ng/u1#	95
23) Isophorone	10.005	82	451671	84.727	ng/u1	99
25) 2-Nitrophenol	10.193	139	94847	88.911	ng/u1	90
26) 2,4-Dimethylphenol	10.240	107	204229	79.459	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.481	93	228331	80.662	ng/u1	97
29) 2,4-Dichlorophenol	10.733	162	164279	79.779	ng/u1	94
30) Naphthalene	11.145	128	516539	76.997	ng/u1	98
32) 4-Chloroaniline	11.244	127	238016	81.802	ng/u1	99
33) Hexachlorobutadiene	11.432	225	124541	71.239	ng/u1	96
34) Caprolactam	12.014	113	63759m	102.271	ng/u1	
35) 4-Chloro-3-methylphenol	12.355	107	195661	84.802	ng/u1	96
36) 2-Methylnaphthalene	12.737	142	375319	78.420	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.954	142	382901	77.052	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.101	216	235677	75.059	ng/ul	97
40) Hexachlorocyclopentadiene	13.083	237	169714	74.442	ng/ul	95
41) 2,4,6-Trichlorophenol	13.330	196	161080	84.745	ng/ul	95
42) 2,4,5-Trichlorophenol	13.406	196	168469	84.570	ng/ul	98
43) 1,1'-Biphenyl	13.729	154	525691	76.025	ng/ul	97
44) 2-Chloronaphthalene	13.776	162	408784	76.467	ng/ul	99
45) 2-Nitroaniline	13.970	65	166393	101.887	ng/ul	96
47) Dimethylphthalate	14.334	163	547078	77.993	ng/ul	98
48) 2,6-Dinitrotoluene	14.458	165	127686	95.220	ng/ul	95
50) Acenaphthylene	14.622	152	670500	76.371	ng/ul	98
51) 3-Nitroaniline	14.787	138	102691	80.088	ng/ul	94
52) Acenaphthene	14.957	153	447415	77.141	ng/ul	96
53) 2,4-Dinitrophenol	14.992	184	78437	101.189	ng/ul	93
55) 4-Nitrophenol	15.098	109	112070	88.902	ng/ul	86
56) Dibenzofuran	15.292	168	640756	75.015	ng/ul	98
57) 2,4-Dinitrotoluene	15.245	165	178143	93.731	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.515	232	161926	85.530	ng/ul#	88
59) Diethylphthalate	15.697	149	569334	77.914	ng/ul	96
61) Fluorene	15.938	166	532895	75.716	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.926	204	296548	75.648	ng/ul	93
63) 4-Nitroaniline	15.956	138	101001	76.804	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.014	198	110349	95.705	ng/ul#	93
67) N-Nitrosodiphenylamine	16.132	169	470641	77.651	ng/ul	98
68) 4-Bromophenyl-phenylether	16.819	248	205757	89.659	ng/ul#	88
69) Hexachlorobenzene	16.948	284	230057	79.776	ng/ul#	91
70) Atrazine	17.078	200	216099	79.456	ng/ul	98
71) Pentachlorophenol	17.289	266	139242	78.806	ng/ul	96
72) Phenanthrene	17.683	178	884808	76.340	ng/ul	97
74) Anthracene	17.777	178	870035	74.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.700	216	271743	78.386	ng/uL	99
76) Pentachlorobenzene	15.216	250	261685	78.963	ng/uL	98
77) Carbazole	18.041	167	804009	76.682	ng/ul	97
78) Di-n-butylphthalate	18.582	149	939802	74.480	ng/ul	99
80) Fluoranthene	19.686	202	1131468	76.038	ng/ul#	92
82) Pyrene	20.050	202	1063799	72.240	ng/ul#	91
83) Butylbenzylphthalate	20.920	149	417273	84.494	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.842	252	377713	74.407	ng/ul#	98
85) Benzo(a)anthracene	21.942	228	1092537	77.963	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.818	149	592144	85.601	ng/ul#	99
87) Chrysene	22.012	228	1034897	76.441	ng/ul	99
89) Di-n-octyl phthalate	23.122	149	984624	82.196	ng/ul	100
90) Benzo(b)fluoranthene	24.338	252	1166584	78.310	ng/ul#	95
91) Benzo(k)fluoranthene	24.409	252	1080929	77.484	ng/ul#	96
93) Benzo(a)pyrene	25.296	252	1091159	77.612	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.473	276	1263211	82.299	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.549	278	1041026	79.410	ng/ul#	95
96) Benzo(g,h,i)perylene	30.742	276	1063045	81.727	ng/ul#	87

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

