

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052015.D
 Acq On : 16 Jan 2022 3:42
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020489

Quant Time: Jan 17 04:05:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	29715	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	128043	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.890	164	93808	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	227179	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.963	240	177886	20.000	ng/u1	# 0.00
88) Perylene-d12	25.452	264	182947	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	5534	6.655	ng/uL	0.00
4) Pyridine-d5	3.999	84	46269m	17.899	ng/u1	0.00
7) Phenol-d5	7.383	99	60925	20.949	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	35662	19.316	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.770	132	41533	21.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	47200	20.877	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	21783	21.530	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	26648	23.814	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	51076	23.352	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	63042	20.697	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	159417	20.559	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	201605	21.524	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	27467	21.187	ng/u1	0.00
60) Fluorene-d10	15.877	176	143595	21.240	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	27831	19.419	ng/u1	0.00
73) Anthracene-d10	17.739	188	230420	21.381	ng/u1	0.00
81) Pyrene-d10	20.019	212	251730	24.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.206	264	207246	21.518	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	5271m	5.493	ng/uL	
5) Pyridine	4.017	79	46325	17.105	ng/u1	96
6) Benzaldehyde	7.365	77	41594	21.500	ng/u1	96
8) Phenol	7.412	94	59397	20.009	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.641	93	44315	20.394	ng/u1	99
12) 2-Chlorophenol	7.806	128	43549	22.232	ng/u1	95
13) 2-Methylphenol	8.681	108	46233	21.418	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.769	45	65818	19.858	ng/u1#	96
16) Acetophenone	9.069	105	73122	20.493	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.051	70	44417	20.376	ng/u1	95
18) 4-Methylphenol	9.010	108	48789	20.865	ng/u1	89
19) Hexachloroethane	9.345	117	16769	19.828	ng/u1#	85
22) Nitrobenzene	9.462	77	62549	19.932	ng/u1#	96
23) Isophorone	9.985	82	120905	20.378	ng/u1	98
25) 2-Nitrophenol	10.185	139	28132	22.876	ng/u1	96
26) 2,4-Dimethylphenol	10.232	107	56923	21.332	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.467	93	62119	20.335	ng/u1	98
29) 2,4-Dichlorophenol	10.725	162	47789	22.248	ng/u1	96
30) Naphthalene	11.136	128	152307	21.951	ng/u1	98
32) 4-Chloroaniline	11.236	127	65565	21.122	ng/u1	100
33) Hexachlorobutadiene	11.424	225	36552	21.347	ng/u1	96
34) Caprolactam	11.976	113	17953m	21.474	ng/u1	
35) 4-Chloro-3-methylphenol	12.347	107	54825	22.106	ng/u1	94
36) 2-Methylnaphthalene	12.728	142	110303	22.318	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.946	142	112748	22.228	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.093	216	70169	21.630	ng/ul	98
40) Hexachlorocyclopentadiene	13.075	237	34769	15.620	ng/ul	99
41) 2,4,6-Trichlorophenol	13.328	196	46504	22.681	ng/ul	99
42) 2,4,5-Trichlorophenol	13.404	196	49164	22.243	ng/ul	98
43) 1,1'-Biphenyl	13.721	154	155493	21.471	ng/ul#	97
44) 2-Chloronaphthalene	13.774	162	120151	21.423	ng/ul	99
45) 2-Nitroaniline	13.962	65	44503	20.704	ng/ul	92
47) Dimethylphthalate	14.326	163	152686	19.970	ng/ul	98
48) 2,6-Dinitrotoluene	14.450	165	35135	21.795	ng/ul	89
50) Acenaphthylene	14.614	152	199660	21.648	ng/ul	97
51) 3-Nitroaniline	14.779	138	35053	24.038	ng/ul	96
52) Acenaphthene	14.955	153	131484	21.441	ng/ul	94
53) 2,4-Dinitrophenol	14.990	184	15282	16.079	ng/ul	88
55) 4-Nitrophenol	15.084	109	27800	18.687	ng/ul	91
56) Dibenzofuran	15.290	168	189039	21.225	ng/ul	96
57) 2,4-Dinitrotoluene	15.237	165	49669	21.311	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.513	232	45293	22.093	ng/ul#	84
59) Diethylphthalate	15.683	149	162663	20.621	ng/ul	97
61) Fluorene	15.936	166	159550	21.498	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	85303	20.712	ng/ul	96
63) 4-Nitroaniline	15.942	138	34628	23.113	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.000	198	27979	20.420	ng/ul#	96
67) N-Nitrosodiphenylamine	16.130	169	136465	22.355	ng/ul	98
68) 4-Bromophenyl-phenylether	16.817	248	58515	22.002	ng/ul#	88
69) Hexachlorobenzene	16.946	284	65580	22.233	ng/ul#	90
70) Atrazine	17.070	200	60954	21.523	ng/ul	100
71) Pentachlorophenol	17.287	266	32990	20.027	ng/ul	94
72) Phenanthrene	17.681	178	255873	21.495	ng/ul	98
74) Anthracene	17.775	178	259601	21.786	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.698	216	78565	23.027	ng/ul	96
76) Pentachlorobenzene	15.213	250	77707	23.401	ng/ul	97
77) Carbazole	18.039	167	228916	21.320	ng/ul	97
78) Di-n-butylphthalate	18.579	149	268430	21.150	ng/ul	99
80) Fluoranthene	19.684	202	298904	25.265	ng/ul#	90
82) Pyrene	20.048	202	283097	24.304	ng/ul#	89
83) Butylbenzylphthalate	20.917	149	96463	23.796	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.840	252	98082	23.886	ng/ul#	94
85) Benzo(a)anthracene	21.939	228	260087	22.232	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	133031	22.439	ng/ul#	99
87) Chrysene	22.010	228	246860	21.914	ng/ul	98
89) Di-n-octyl phthalate	23.126	149	222879	22.054	ng/ul	100
90) Benzo(b)fluoranthene	24.336	252	262561	21.656	ng/ul#	96
91) Benzo(k)fluoranthene	24.407	252	242159	21.602	ng/ul#	95
93) Benzo(a)pyrene	25.288	252	251513	21.920	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.476	276	293789	22.368	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.541	278	251190	22.610	ng/ul#	94
96) Benzo(g,h,i)perylene	30.739	276	243110	22.013	ng/ul#	90

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

