

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010422\
 Data File : BG051873.D
 Acq On : 4 Jan 2022 17:42
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020471

Quant Time: Jan 05 03:45:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 31 00:13:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2022
 Supervised By :Yogesh Patel 01/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	30503	20.000	ng/u1	0.00
20) Naphthalene-d8	11.103	136	127336	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.904	164	92481	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.647	188	240242	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.965	240	224946	20.000	ng/u1	# 0.00
88) Perylene-d12	25.449	264	227361	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.584	96	6290	8.564	ng/uL	0.00
4) Pyridine-d5	4.019	84	48670	21.932	ng/u1	0.00
7) Phenol-d5	7.408	99	55473	20.368	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.573	67	36359	22.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.796	132	38455	20.302	ng/u1	0.00
15) 4-Methylphenol-d8	8.971	113	42290	20.088	ng/u1	0.00
21) Nitrobenzene-d5	9.435	128	19979	21.401	ng/u1	0.00
24) 2-Nitrophenol-d4	10.169	143	21443	21.011	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.716	165	43388	19.605	ng/u1	0.00
31) 4-Chloroaniline-d4	11.227	131	56640	19.438	ng/u1	0.00
46) Dimethylphthalate-d6	14.293	166	149799	20.237	ng/u1	0.00
49) Acenaphthylene-d8	14.599	160	182497	19.852	ng/u1	0.00
54) 4-Nitrophenol-d4	15.074	143	25321	21.035	ng/u1	0.00
60) Fluorene-d10	15.891	176	134496	20.280	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.997	200	26433	21.118	ng/u1	0.00
73) Anthracene-d10	17.747	188	222260	19.394	ng/u1	0.00
81) Pyrene-d10	20.021	212	272893	20.157	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.208	264	226450	18.929	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.625	88	7271	9.485	ng/uL#	92
5) Pyridine	4.042	79	50912	22.868	ng/u1	97
6) Benzaldehyde	7.385	77	43877m	25.822	ng/u1	
8) Phenol	7.432	94	58559	21.623	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.667	93	43219	20.919	ng/u1	99
12) 2-Chlorophenol	7.825	128	38625	19.879	ng/u1	95
13) 2-Methylphenol	8.707	108	42196	20.651	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.789	45	65699	23.443	ng/u1	97
16) Acetophenone	9.094	105	67420	20.388	ng/u1	92
17) N-Nitroso-di-n-propyla...	9.077	70	43557	21.952	ng/u1	97
18) 4-Methylphenol	9.036	108	43974	20.419	ng/u1	94
19) Hexachloroethane	9.370	117	16784	19.797	ng/u1	88
22) Nitrobenzene	9.482	77	60492	22.277	ng/u1#	91
23) Isophorone	10.011	82	113724	20.861	ng/u1#	96
25) 2-Nitrophenol	10.205	139	24185	22.170	ng/u1	93
26) 2,4-Dimethylphenol	10.252	107	52086	19.817	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.486	93	59766	20.646	ng/u1	98
29) 2,4-Dichlorophenol	10.745	162	41778	19.840	ng/u1	97
30) Naphthalene	11.156	128	133613	19.476	ng/u1	96
32) 4-Chloroaniline	11.256	127	57926	19.468	ng/u1	97
33) Hexachlorobutadiene	11.444	225	32997	18.457	ng/u1	96
34) Caprolactam	11.996	113	15549m	24.389	ng/u1	
35) 4-Chloro-3-methylphenol	12.360	107	48927	20.737	ng/u1	95
36) 2-Methylnaphthalene	12.748	142	99737	20.378	ng/u1	94

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.960	142	100830	19.842	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.112	216	63002	19.585	ng/ul	98
40) Hexachlorocyclopentadiene	13.095	237	47348	20.272	ng/ul	92
41) 2,4,6-Trichlorophenol	13.341	196	41082	21.097	ng/ul	98
42) 2,4,5-Trichlorophenol	13.412	196	44813	21.958	ng/ul	96
43) 1,1'-Biphenyl	13.735	154	141468	19.970	ng/ul	94
44) 2-Chloronaphthalene	13.788	162	108415	19.795	ng/ul	97
45) 2-Nitroaniline	13.976	65	40972	24.488	ng/ul	97
47) Dimethylphthalate	14.340	163	146623	20.403	ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	31343	22.815	ng/ul	96
50) Acenaphthylene	14.628	152	180492	20.067	ng/ul	96
51) 3-Nitroaniline	14.792	138	30782	23.433	ng/ul	100
52) Acenaphthene	14.963	153	117615	19.794	ng/ul	97
53) 2,4-Dinitrophenol	14.992	184	19949	25.120	ng/ul#	86
55) 4-Nitrophenol	15.086	109	28360	21.959	ng/ul	83
56) Dibenzofuran	15.298	168	172082	19.664	ng/ul	99
57) 2,4-Dinitrotoluene	15.245	165	44569	22.890	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.521	232	40868	21.071	ng/ul	89
59) Diethylphthalate	15.697	149	148314	19.812	ng/ul	97
61) Fluorene	15.944	166	144568	20.050	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.926	204	79666	19.836	ng/ul	97
63) 4-Nitroaniline	15.950	138	31929	23.699	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.008	198	25975	21.131	ng/ul	97
67) N-Nitrosodiphenylamine	16.138	169	126620	19.595	ng/ul	97
68) 4-Bromophenyl-phenylether	16.825	248	56172	22.959	ng/ul#	87
69) Hexachlorobenzene	16.954	284	60984	19.835	ng/ul#	88
70) Atrazine	17.078	200	57164	19.715	ng/ul	97
71) Pentachlorophenol	17.295	266	39464m	20.950	ng/ul	
72) Phenanthrene	17.689	178	244596	19.794	ng/ul	98
74) Anthracene	17.782	178	244949	19.622	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.712	216	71971	19.473	ng/ul	97
76) Pentachlorobenzene	15.221	250	66905	18.936	ng/ul	99
77) Carbazole	18.041	167	215847	19.309	ng/ul	96
78) Di-n-butylphthalate	18.587	149	260929	19.396	ng/ul	99
80) Fluoranthene	19.686	202	311458	20.042	ng/ul#	92
82) Pyrene	20.050	202	308471	20.058	ng/ul#	90
83) Butylbenzylphthalate	20.919	149	106557	20.661	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.842	252	105991	19.993	ng/ul#	96
85) Benzo(a)anthracene	21.942	228	290514	19.851	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.824	149	146519	20.282	ng/ul#	97
87) Chrysene	22.012	228	274488	19.414	ng/ul	99
89) Di-n-octyl phthalate	23.128	149	241682	19.735	ng/ul	100
90) Benzo(b)fluoranthene	24.332	252	290493	19.075	ng/ul#	94
91) Benzo(k)fluoranthene	24.409	252	280069	19.638	ng/ul#	96
93) Benzo(a)pyrene	25.284	252	272120	18.933	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.455	276	310758	19.805	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.531	278	256270	19.122	ng/ul#	91
96) Benzo(g,h,i)perylene	30.718	276	259024	19.480	ng/ul#	88

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

