

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058346.D
 Acq On : 20 Jul 2023 4:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020526

Quant Time: Jul 20 05:16:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	49166	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	244337	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	186538	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	439669	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	359084	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	449829	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	11134	8.335	ng/uL	0.00
4) Pyridine-d5	3.746	84	87573	22.087	ng/u1	0.00
7) Phenol-d5	7.060	99	107989	23.154	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	63171	21.670	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	74475	22.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	82229	23.114	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	39066	21.331	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	44041	22.027	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	86497	22.567	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	119528	21.512	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	268549	18.669	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	313473	20.795	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	39905	18.369	ng/u1	0.00
60) Fluorene-d10	15.526	176	241747	20.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	41072	18.335	ng/u1	0.00
73) Anthracene-d10	17.377	188	387066	20.375	ng/u1	0.00
81) Pyrene-d10	19.668	212	426320	20.101	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	423436	19.476	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	12870	8.494	ng/uL	99
5) Pyridine	3.763	79	92858	22.177	ng/u1	97
6) Benzaldehyde	7.036	77	37156m	19.726	ng/u1	
8) Phenol	7.089	94	110615	22.838	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.312	93	79536	21.435	ng/u1	97
12) 2-Chlorophenol	7.459	128	76784	22.468	ng/u1	98
13) 2-Methylphenol	8.335	108	85422	22.628	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.417	45	131841	21.682	ng/u1	98
16) Acetophenone	8.716	105	135047	22.290	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.699	70	70734	21.332	ng/u1	99
18) 4-Methylphenol	8.664	108	94945	23.143	ng/u1	98
19) Hexachloroethane	8.975	117	28833	21.404	ng/u1	99
22) Nitrobenzene	9.098	77	100215	20.519	ng/u1	98
23) Isophorone	9.615	82	211990	19.360	ng/u1	99
25) 2-Nitrophenol	9.809	139	47122	22.064	ng/u1	98
26) 2,4-Dimethylphenol	9.868	107	101721	21.361	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.103	93	117295	20.226	ng/u1	99
29) 2,4-Dichlorophenol	10.344	162	83526	22.960	ng/u1	96
30) Naphthalene	10.749	128	272622	20.874	ng/u1	99
32) 4-Chloroaniline	10.861	127	123866	21.811	ng/u1	100
33) Hexachlorobutadiene	11.025	225	54148	20.816	ng/u1	100
34) Caprolactam	11.613	113	30202	19.989	ng/u1	97
35) 4-Chloro-3-methylphenol	11.983	107	102001	22.032	ng/u1	97
36) 2-Methylnaphthalene	12.359	142	188733	21.570	ng/u1	96

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37) 1-Methylnaphthalene	12.577	142	194048	21.638	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	111662	20.678	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	49667	17.101	ng/ul	99
41) 2,4,6-Trichlorophenol	12.964	196	78430	21.456	ng/ul	96
42) 2,4,5-Trichlorophenol	13.041	196	83834	21.507	ng/ul	97
43) 1,1'-Biphenyl	13.364	154	257411	20.407	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	209135	20.853	ng/ul	99
45) 2-Nitroaniline	13.617	65	73296	21.040	ng/ul	98
47) Dimethylphthalate	13.987	163	273013	18.896	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	59351	21.257	ng/ul	95
50) Acenaphthylene	14.257	152	337040	20.713	ng/ul	99
51) 3-Nitroaniline	14.439	138	45582	19.590	ng/ul#	94
52) Acenaphthene	14.598	153	232755	20.602	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	26477	17.818	ng/ul	95
55) 4-Nitrophenol	14.751	109	29599	17.692	ng/ul	98
56) Dibenzofuran	14.933	168	329178	20.463	ng/ul	99
57) 2,4-Dinitrotoluene	14.897	165	84925	21.089	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.156	232	72928	20.250	ng/ul#	97
59) Diethylphthalate	15.344	149	284219	19.095	ng/ul	97
61) Fluorene	15.579	166	269848	20.456	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	142501	20.348	ng/ul	100
63) 4-Nitroaniline	15.602	138	33854m	16.080	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.661	198	42320	18.363	ng/ul	99
67) N-Nitrosodiphenylamine	15.785	169	224977	20.643	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	95383	20.482	ng/ul	94
69) Hexachlorobenzene	16.584	284	109994	20.932	ng/ul	99
70) Atrazine	16.731	200	86911	20.340	ng/ul	95
71) Pentachlorophenol	16.930	266	55734	18.895	ng/ul	98
72) Phenanthrene	17.318	178	425602	20.369	ng/ul	99
74) Anthracene	17.412	178	428316	20.420	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.329	216	118645	21.514	ng/ul	98
76) Pentachlorobenzene	14.850	250	129014	21.393	ng/ul	97
77) Carbazole	17.682	167	379322	20.862	ng/ul	99
78) Di-n-butylphthalate	18.235	149	478295	20.701	ng/ul	100
80) Fluoranthene	19.333	202	491195	20.216	ng/ul	99
82) Pyrene	19.698	202	499282	20.281	ng/ul	99
83) Butylbenzylphthalate	20.579	149	202341	20.873	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.425	252	173908	21.696	ng/ul	99
85) Benzo(a)anthracene	21.507	228	490608	20.327	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.407	149	291625	21.150	ng/ul	100
87) Chrysene	21.572	228	469646	20.514	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	506280	21.153	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	521418	20.034	ng/ul	99
91) Benzo(k)fluoranthene	23.728	252	492562	18.976	ng/ul	100
93) Benzo(a)pyrene	24.510	252	455927	19.695	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.223	276	611239	20.041	ng/ul	99
95) Dibenzo(a,h)anthracene	28.288	278	505629	20.217	ng/ul	99
96) Benzo(g,h,i)perylene	29.345	276	498814	20.073	ng/ul	98

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