

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057973.D
 Acq On : 4 Jul 2023 4:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020490

Quant Time: Jul 04 05:09:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	58357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	259811	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	174864	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	389743	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	318506	20.000	ng/u1	0.00
88) Perylene-d12	24.733	264	399086	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	12389	7.434	ng/uL	0.00
4) Pyridine-d5	3.787	84	92233	18.230	ng/u1	0.00
7) Phenol-d5	7.101	99	114984	19.294	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	67358	18.755	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	81192	19.753	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	85563	19.027	ng/u1	0.00
21) Nitrobenzene-d5	9.098	128	42202	19.929	ng/u1	0.00
24) 2-Nitrophenol-d4	9.821	143	47400	21.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	90380	21.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	123478	19.076	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	253480	18.372	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	305279	20.277	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	42198	17.311	ng/u1	0.00
60) Fluorene-d10	15.561	176	229214	19.562	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	39883	18.846	ng/u1	0.00
73) Anthracene-d10	17.412	188	359151	19.859	ng/u1	0.00
81) Pyrene-d10	19.704	212	392248	19.554	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.516	264	389725	19.168	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	13789	6.698	ng/uL	94
5) Pyridine	3.805	79	95536	18.429	ng/u1	98
6) Benzaldehyde	7.077	77	24294	12.206	ng/u1	94
8) Phenol	7.130	94	118454	19.586	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.359	93	87383	18.713	ng/u1	98
12) 2-Chlorophenol	7.500	128	83179	19.446	ng/u1	97
13) 2-Methylphenol	8.382	108	92916	19.563	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.464	45	138064	19.207	ng/u1	98
16) Acetophenone	8.758	105	142228	19.063	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.740	70	72739	18.237	ng/u1	97
18) 4-Methylphenol	8.711	108	99680	19.409	ng/u1	99
19) Hexachloroethane	9.022	117	32445	19.786	ng/u1	96
22) Nitrobenzene	9.145	77	107190	19.499	ng/u1	94
23) Isophorone	9.662	82	216465	18.454	ng/u1	99
25) 2-Nitrophenol	9.856	139	49876	20.885	ng/u1	98
26) 2,4-Dimethylphenol	9.915	107	106128	19.763	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.144	93	124058	18.768	ng/u1	99
29) 2,4-Dichlorophenol	10.391	162	87249	21.019	ng/u1	94
30) Naphthalene	10.791	128	289360	19.818	ng/u1	98
32) 4-Chloroaniline	10.902	127	125167	18.911	ng/u1	97
33) Hexachlorobutadiene	11.073	225	59240	20.158	ng/u1	97
34) Caprolactam	11.660	113	28766m	17.237	ng/u1	
35) 4-Chloro-3-methylphenol	12.024	107	102500	20.102	ng/u1	97
36) 2-Methylnaphthalene	12.400	142	194065	19.717	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.618	142	194353	19.691	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.765	216	112512	21.114	ng/ul	98
40) Hexachlorocyclopentadiene	12.747	237	54510	16.240	ng/ul	98
41) 2,4,6-Trichlorophenol	13.006	196	78783	21.813	ng/ul	99
42) 2,4,5-Trichlorophenol	13.082	196	83416	21.356	ng/ul	100
43) 1,1'-Biphenyl	13.405	154	259721	20.610	ng/ul	99
44) 2-Chloronaphthalene	13.452	162	208622	20.628	ng/ul	100
45) 2-Nitroaniline	13.652	65	69779	19.844	ng/ul	94
47) Dimethylphthalate	14.022	163	257915	18.607	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	55342	19.451	ng/ul	94
50) Acenaphthylene	14.298	152	328290	20.192	ng/ul	99
51) 3-Nitroaniline	14.474	138	43787	18.211	ng/ul	99
52) Acenaphthene	14.633	153	223348	20.020	ng/ul	97
53) 2,4-Dinitrophenol	14.680	184	24764	16.695	ng/ul	92
55) 4-Nitrophenol	14.786	109	32419	17.953	ng/ul	89
56) Dibenzofuran	14.968	168	316723	19.971	ng/ul	99
57) 2,4-Dinitrotoluene	14.933	165	78256	19.412	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	71148	20.009	ng/ul	100
59) Diethylphthalate	15.385	149	260727	18.022	ng/ul	99
61) Fluorene	15.620	166	255214	19.613	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.608	204	136679	19.851	ng/ul	99
63) 4-Nitroaniline	15.638	138	25434	11.808	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.697	198	41539	19.193	ng/ul	96
67) N-Nitrosodiphenylamine	15.820	169	212775	20.514	ng/ul	99
68) 4-Bromophenyl-phenylether	16.502	248	91572	21.405	ng/ul	97
69) Hexachlorobenzene	16.619	284	100464	20.974	ng/ul	97
70) Atrazine	16.772	200	81193	19.142	ng/ul	96
71) Pentachlorophenol	16.966	266	56828	19.762	ng/ul	96
72) Phenanthrene	17.359	178	393858	19.867	ng/ul	99
74) Anthracene	17.447	178	398924	19.885	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.370	216	119402	23.100	ng/uL	98
76) Pentachlorobenzene	14.892	250	124249	22.507	ng/uL	99
77) Carbazole	17.718	167	363175	20.016	ng/ul	99
78) Di-n-butylphthalate	18.270	149	443117	19.172	ng/ul	99
80) Fluoranthene	19.369	202	457038	19.663	ng/ul	99
82) Pyrene	19.733	202	460097	19.664	ng/ul	98
83) Butylbenzylphthalate	20.614	149	192507	20.290	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.466	252	166282	21.565	ng/ul	98
85) Benzo(a)anthracene	21.549	228	452299	19.778	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.455	149	275385	20.254	ng/ul	98
87) Chrysene	21.613	228	425017	19.825	ng/ul	99
89) Di-n-octyl phthalate	22.641	149	482348	19.671	ng/ul	100
90) Benzo(b)fluoranthene	23.728	252	468875	18.975	ng/ul	99
91) Benzo(k)fluoranthene	23.793	252	459987	18.992	ng/ul	99
93) Benzo(a)pyrene	24.586	252	419680	19.189	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.335	276	555112	19.113	ng/ul	98
95) Dibenzo(a,h)anthracene	28.405	278	464357	19.389	ng/ul	98
96) Benzo(g,h,i)perylene	29.469	276	436930	18.419	ng/ul	98

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

