

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058254.D
 Acq On : 15 Jul 2023 9:06
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020517

Quant Time: Jul 15 22:49:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	48067	20.000	ng/u1	0.00
20) Naphthalene-d8	10.703	136	222909	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	155458	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	361644	20.000	ng/u1	0.00
79) Chrysene-d12	21.537	240	314785	20.000	ng/u1	0.00
88) Perylene-d12	24.680	264	395862	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	10469	7.627	ng/uL	0.00
4) Pyridine-d5	3.758	84	81403	19.534	ng/u1	0.00
7) Phenol-d5	7.066	99	104249	21.237	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	62339	21.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	72288	21.351	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	79011	21.331	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	37978	20.904	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	42005	21.999	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	83279	22.735	ng/u1	0.00
31) 4-Chloroaniline-d4	10.844	131	112189	20.201	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	237323	19.348	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	287587	21.486	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	36743	16.955	ng/u1	0.00
60) Fluorene-d10	15.532	176	219683	21.089	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	36191	18.430	ng/u1	0.00
73) Anthracene-d10	17.383	188	349104	20.803	ng/u1	0.00
81) Pyrene-d10	19.674	212	400319	20.192	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.463	264	417695	20.711	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	10934	6.448	ng/uL	95
5) Pyridine	3.775	79	87733	20.547	ng/u1	96
6) Benzaldehyde	7.042	77	33170	20.234	ng/u1	92
8) Phenol	7.095	94	110394	22.161	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.324	93	79520	20.675	ng/u1	98
12) 2-Chlorophenol	7.465	128	75406	21.403	ng/u1	95
13) 2-Methylphenol	8.347	108	83189	21.264	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.429	45	130590m	22.057	ng/u1	
16) Acetophenone	8.723	105	130117	21.173	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.705	70	66938	20.376	ng/u1	99
18) 4-Methylphenol	8.676	108	92078	21.767	ng/u1	99
19) Hexachloroethane	8.981	117	29766	22.039	ng/u1	98
22) Nitrobenzene	9.104	77	99619	21.122	ng/u1	98
23) Isophorone	9.627	82	198627	19.737	ng/u1	99
25) 2-Nitrophenol	9.815	139	45804	22.355	ng/u1	96
26) 2,4-Dimethylphenol	9.874	107	98689	21.420	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.109	93	112862	19.901	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	78715	22.102	ng/u1	91
30) Naphthalene	10.756	128	266686	21.289	ng/u1	100
32) 4-Chloroaniline	10.867	127	114297	20.128	ng/u1	100
33) Hexachlorobutadiene	11.038	225	54043	21.434	ng/u1	97
34) Caprolactam	11.619	113	26874m	18.769	ng/u1	
35) 4-Chloro-3-methylphenol	11.995	107	95609	21.854	ng/u1	99
36) 2-Methylnaphthalene	12.365	142	178084	21.089	ng/u1	93

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37) 1-Methylnaphthalene	12.583	142	180260	21.287	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.736	216	105537	22.277	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	53808	18.032	ng/ul	96
41) 2,4,6-Trichlorophenol	12.976	196	71681	22.324	ng/ul	98
42) 2,4,5-Trichlorophenol	13.047	196	74225	21.375	ng/ul	96
43) 1,1'-Biphenyl	13.370	154	237485	21.198	ng/ul	99
44) 2-Chloronaphthalene	13.417	162	194356	21.616	ng/ul	98
45) 2-Nitroaniline	13.623	65	67464	21.581	ng/ul	97
47) Dimethylphthalate	13.993	163	244388	19.832	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	53071	20.981	ng/ul	93
50) Acenaphthylene	14.263	152	309076	21.383	ng/ul	98
51) 3-Nitroaniline	14.445	138	38795	18.149	ng/ul	98
52) Acenaphthene	14.604	153	212024	21.377	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	26451	20.058	ng/ul	87
55) 4-Nitrophenol	14.757	109	28428	17.708	ng/ul	87
56) Dibenzofuran	14.939	168	297918	21.130	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	75484	21.062	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.168	232	65034	20.573	ng/ul#	98
59) Diethylphthalate	15.356	149	250524	19.478	ng/ul	99
61) Fluorene	15.591	166	240984	20.831	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.579	204	128861	21.052	ng/ul	99
63) 4-Nitroaniline	15.609	138	23312m	12.174	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.667	198	38270	19.057	ng/ul	94
67) N-Nitrosodiphenylamine	15.791	169	204685	21.267	ng/ul	99
68) 4-Bromophenyl-phenylether	16.472	248	85954	21.652	ng/ul	99
69) Hexachlorobenzene	16.590	284	97196	21.869	ng/ul	96
70) Atrazine	16.743	200	78630	19.978	ng/ul	94
71) Pentachlorophenol	16.936	266	51311	19.230	ng/ul	98
72) Phenanthrene	17.330	178	384907	20.924	ng/ul	99
74) Anthracene	17.418	178	386746	20.775	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.341	216	110115	22.959	ng/uL	99
76) Pentachlorobenzene	14.857	250	117655	22.969	ng/uL	97
77) Carbazole	17.689	167	352663	20.947	ng/ul	99
78) Di-n-butylphthalate	18.241	149	435997	20.330	ng/ul	100
80) Fluoranthene	19.340	202	458917	19.977	ng/ul	99
82) Pyrene	19.704	202	469724	20.313	ng/ul	100
83) Butylbenzylphthalate	20.585	149	195543	20.854	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.437	252	167901	22.032	ng/ul#	95
85) Benzo(a)anthracene	21.519	228	471783	20.874	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	285951	21.280	ng/ul	98
87) Chrysene	21.584	228	453766	21.416	ng/ul	99
89) Di-n-octyl phthalate	22.600	149	498711	20.504	ng/ul	100
90) Benzo(b)fluoranthene	23.682	252	505314	20.616	ng/ul	99
91) Benzo(k)fluoranthene	23.746	252	482621	20.088	ng/ul	100
93) Benzo(a)pyrene	24.533	252	436425	20.117	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.253	276	577167	20.035	ng/ul	99
95) Dibenzo(a,h)anthracene	28.317	278	484211	20.383	ng/ul	97
96) Benzo(g,h,i)perylene	29.381	276	459636	19.534	ng/ul	99

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

