

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072723\
 Data File : BG058508.D
 Acq On : 27 Jul 2023 19:41
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020547

Quant Time: Jul 28 02:55:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	72572	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	311932	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	212486	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	521734	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	466754	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	552220	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	19326	9.802	ng/uL	0.00
4) Pyridine-d5	3.652	84	127054	21.710	ng/u1	0.00
7) Phenol-d5	6.983	99	149356	21.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	93124	21.642	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	105479	21.888	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	109477	20.848	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	53455	22.862	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	61597	24.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	114760	23.453	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	157296	22.174	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	343840	20.985	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	394059	22.949	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	50071	20.234	ng/u1	0.00
60) Fluorene-d10	15.456	176	311198	22.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	56371	21.207	ng/u1	0.00
73) Anthracene-d10	17.307	188	517919	22.974	ng/u1	0.00
81) Pyrene-d10	19.598	212	616223	22.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	622434	23.320	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	20320	9.085	ng/uL#	91
5) Pyridine	3.670	79	133699	21.632	ng/u1	98
6) Benzaldehyde	6.954	77	53598m	19.278	ng/u1	
8) Phenol	7.013	94	152030	21.265	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.236	93	117803	21.509	ng/u1	98
12) 2-Chlorophenol	7.383	128	111444	22.093	ng/u1	96
13) 2-Methylphenol	8.264	108	117555	21.097	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.341	45	193960	21.610	ng/u1	97
16) Acetophenone	8.640	105	183755	20.548	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.623	70	96556	19.728	ng/u1	98
18) 4-Methylphenol	8.593	108	125813	20.776	ng/u1	96
19) Hexachloroethane	8.893	117	45398	22.832	ng/u1	93
22) Nitrobenzene	9.022	77	141364	22.672	ng/u1	99
23) Isophorone	9.539	82	284917	20.382	ng/u1	99
25) 2-Nitrophenol	9.733	139	65333	23.962	ng/u1	93
26) 2,4-Dimethylphenol	9.792	107	134153	22.067	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.027	93	160413	21.667	ng/u1	99
29) 2,4-Dichlorophenol	10.268	162	109462	23.569	ng/u1	97
30) Naphthalene	10.667	128	374167	22.441	ng/u1	99
32) 4-Chloroaniline	10.779	127	160582	22.149	ng/u1	100
33) Hexachlorobutadiene	10.949	225	83629	25.182	ng/u1	97
34) Caprolactam	11.543	113	38757m	20.092	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	130612	22.098	ng/u1	94
36) 2-Methylnaphthalene	12.283	142	248440	22.241	ng/u1	99

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37) 1-Methylnaphthalene	12.500	142	244553	21.361	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.653	216	150099	24.402	ng/ul	97
40) Hexachlorocyclopentadiene	12.630	237	63892	19.313	ng/ul	98
41) 2,4,6-Trichlorophenol	12.894	196	99106	23.801	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	103195	23.241	ng/ul	99
43) 1,1'-Biphenyl	13.294	154	327192	22.772	ng/ul	99
44) 2-Chloronaphthalene	13.335	162	266029	23.287	ng/ul	97
45) 2-Nitroaniline	13.546	65	94279	23.759	ng/ul	98
47) Dimethylphthalate	13.916	163	344564	20.936	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	76021	23.903	ng/ul	96
50) Acenaphthylene	14.187	152	419875	22.653	ng/ul	99
51) 3-Nitroaniline	14.375	138	53254	20.092	ng/ul	95
52) Acenaphthene	14.527	153	290692	22.589	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	31748	18.757	ng/ul	97
55) 4-Nitrophenol	14.692	109	40539	21.272	ng/ul	92
56) Dibenzofuran	14.862	168	417970	22.810	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	108670	23.690	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.091	232	93672	22.834	ng/ul#	98
59) Diethylphthalate	15.279	149	358783	21.161	ng/ul	99
61) Fluorene	15.515	166	338112	22.500	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	184062	23.073	ng/ul	97
63) 4-Nitroaniline	15.532	138	41338	17.237	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.597	198	58668	21.453	ng/ul	99
67) N-Nitrosodiphenylamine	15.720	169	290544	22.466	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	130219	23.564	ng/ul	96
69) Hexachlorobenzene	16.513	284	146635	23.515	ng/ul	98
70) Atrazine	16.666	200	118084	23.288	ng/ul	96
71) Pentachlorophenol	16.866	266	70591	20.167	ng/ul	93
72) Phenanthrene	17.254	178	560037	22.587	ng/ul	98
74) Anthracene	17.342	178	564676	22.686	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	156458	23.908	ng/uL	95
76) Pentachlorobenzene	14.780	250	169238	23.648	ng/uL	97
77) Carbazole	17.612	167	518581	24.034	ng/ul	99
78) Di-n-butylphthalate	18.164	149	660648	24.096	ng/ul	99
80) Fluoranthene	19.263	202	704349	22.302	ng/ul	99
82) Pyrene	19.627	202	698925	21.841	ng/ul	99
83) Butylbenzylphthalate	20.515	149	296534	23.533	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.355	252	231092	22.179	ng/ul	97
85) Benzo(a)anthracene	21.431	228	725057	23.111	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	430120	23.999	ng/ul#	98
87) Chrysene	21.496	228	686999	23.086	ng/ul	99
89) Di-n-octyl phthalate	22.489	149	753587	25.648	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	743369	23.266	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	766493	24.053	ng/ul	99
93) Benzo(a)pyrene	24.375	252	645211	22.704	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.012	276	675908m	18.052	ng/ul	
95) Dibenzo(a,h)anthracene	28.064	278	554211m	18.051	ng/ul	
96) Benzo(g,h,i)perylene	29.099	276	527768m	17.301	ng/ul	

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

