

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072723\
 Data File : BG058496.D
 Acq On : 27 Jul 2023 10:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020546

Quant Time: Jul 28 01:06:24 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	7.815	152	64913	20.000	ng/u1	0.00
20) Naphthalene-d8	10.618	136	278077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.466	164	193440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	464128	20.000	ng/u1	0.00
79) Chrysene-d12	21.452	240	401045	20.000	ng/u1	0.00
88) Perylene-d12	24.519	264	474507	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	15899	9.015	ng/uL	0.00
4) Pyridine-d5	3.649	84	113566	21.694	ng/u1	0.00
7) Phenol-d5	6.987	99	131537	21.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	82054	21.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	93895	21.783	ng/u1	0.00
15) 4-Methylphenol-d8	8.526	113	96915	20.633	ng/u1	0.00
21) Nitrobenzene-d5	8.978	128	48910	23.465	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	54276	23.852	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.242	165	100973	23.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.759	131	136854	21.641	ng/u1	0.00
46) Dimethylphthalate-d6	13.873	166	311547	20.886	ng/u1	0.00
49) Acenaphthylene-d8	14.155	160	359870	23.021	ng/u1	0.00
54) 4-Nitrophenol-d4	14.677	143	40703	18.068	ng/u1	0.00
60) Fluorene-d10	15.459	176	279859	22.661	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.582	200	42994	18.182	ng/u1	0.00
73) Anthracene-d10	17.310	188	455935	22.735	ng/u1	0.00
81) Pyrene-d10	19.601	212	533153	22.508	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.307	264	538377	23.475	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.273	88	17423	8.709	ng/uL	98
5) Pyridine	3.667	79	117116	21.185	ng/u1	98
6) Benzaldehyde	6.957	77	46015m	18.503	ng/u1	
8) Phenol	7.010	94	133506	20.877	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.239	93	104392	21.309	ng/u1	97
12) 2-Chlorophenol	7.380	128	99698	22.096	ng/u1	98
13) 2-Methylphenol	8.261	108	104829	21.033	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.350	45	173279m	21.584	ng/u1	
16) Acetophenone	8.638	105	167226	20.906	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.620	70	87995	20.100	ng/u1	98
18) 4-Methylphenol	8.591	108	113369	20.930	ng/u1	98
19) Hexachloroethane	8.896	117	40540	22.794	ng/u1	94
22) Nitrobenzene	9.019	77	126286	22.720	ng/u1	98
23) Isophorone	9.542	82	255703	20.519	ng/u1	100
25) 2-Nitrophenol	9.730	139	56721	23.336	ng/u1	98
26) 2,4-Dimethylphenol	9.795	107	120183	22.176	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.030	93	143482	21.740	ng/u1	97
29) 2,4-Dichlorophenol	10.271	162	97851	23.634	ng/u1	95
30) Naphthalene	10.670	128	333198	22.417	ng/u1	100
32) 4-Chloroaniline	10.782	127	142499	22.048	ng/u1	98
33) Hexachlorobutadiene	10.947	225	72989	24.654	ng/u1	95
34) Caprolactam	11.540	113	34601m	20.122	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	117112	22.227	ng/u1	99
36) 2-Methylnaphthalene	12.280	142	221302	22.223	ng/u1	100

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37) 1-Methylnaphthalene	12.504	142	224316	21.979	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.650	216	135960	24.280	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	49545	16.451	ng/ul	99
41) 2,4,6-Trichlorophenol	12.897	196	89454	23.598	ng/ul	98
42) 2,4,5-Trichlorophenol	12.974	196	89943	22.251	ng/ul	99
43) 1,1'-Biphenyl	13.297	154	296132	22.639	ng/ul	98
44) 2-Chloronaphthalene	13.338	162	242590	23.326	ng/ul	98
45) 2-Nitroaniline	13.549	65	83573	23.134	ng/ul	94
47) Dimethylphthalate	13.920	163	313510	20.924	ng/ul	100
48) 2,6-Dinitrotoluene	14.043	165	68956	23.816	ng/ul	99
50) Acenaphthylene	14.190	152	381977	22.637	ng/ul	99
51) 3-Nitroaniline	14.372	138	46661	19.338	ng/ul	100
52) Acenaphthene	14.531	153	259759	22.172	ng/ul	99
53) 2,4-Dinitrophenol	14.589	184	21865	14.190	ng/ul	97
55) 4-Nitrophenol	14.689	109	32236	18.581	ng/ul	94
56) Dibenzofuran	14.866	168	374232	22.434	ng/ul	100
57) 2,4-Dinitrotoluene	14.836	165	99022	23.712	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.095	232	82269	22.029	ng/ul#	99
59) Diethylphthalate	15.283	149	324194	21.003	ng/ul	99
61) Fluorene	15.512	166	304970	22.293	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.506	204	166378	22.910	ng/ul	95
63) 4-Nitroaniline	15.535	138	35373m	16.202	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.600	198	44413	18.256	ng/ul	98
67) N-Nitrosodiphenylamine	15.717	169	259939	22.594	ng/ul	98
68) 4-Bromophenyl-phenylether	16.399	248	116234	23.644	ng/ul	98
69) Hexachlorobenzene	16.517	284	131038	23.622	ng/ul	99
70) Atrazine	16.669	200	102043	22.622	ng/ul	96
71) Pentachlorophenol	16.863	266	51521m	16.546	ng/ul	
72) Phenanthrene	17.251	178	498812	22.615	ng/ul	99
74) Anthracene	17.345	178	500276	22.593	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.262	216	143023	24.567	ng/uL	97
76) Pentachlorobenzene	14.783	250	151620	23.816	ng/uL	97
77) Carbazole	17.615	167	454297	23.668	ng/ul	99
78) Di-n-butylphthalate	18.168	149	575069	23.578	ng/ul	100
80) Fluoranthene	19.266	202	606269	22.342	ng/ul	99
82) Pyrene	19.631	202	606099	22.044	ng/ul	99
83) Butylbenzylphthalate	20.518	149	255695	23.617	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.352	252	198559	22.179	ng/ul	99
85) Benzo(a)anthracene	21.428	228	635182	23.563	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.334	149	372520	24.190	ng/ul	100
87) Chrysene	21.493	228	587863	22.992	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	647620	25.651	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	650475	23.693	ng/ul	99
91) Benzo(k)fluoranthene	23.608	252	648512	23.684	ng/ul	99
93) Benzo(a)pyrene	24.378	252	567209	23.228	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.015	276	572420	17.792	ng/ul	98
95) Dibenzo(a,h)anthracene	28.068	278	492722	18.676	ng/ul	99
96) Benzo(g,h,i)perylene	29.108	276	471579m	17.990	ng/ul	

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

