

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058316.D
 Acq On : 19 Jul 2023 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020523

Quant Time: Jul 19 06:33:06 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 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	45558	20.000	ng/u1	0.00
20) Naphthalene-d8	10.700	136	222382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.537	164	165903	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	402563	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	339135	20.000	ng/u1	0.00
88) Perylene-d12	24.666	264	416962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	9448	7.633	ng/uL	0.00
4) Pyridine-d5	3.749	84	70352	19.149	ng/u1	0.00
7) Phenol-d5	7.057	99	86534	20.023	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	52262	19.348	ng/u1	0.00
11) 2-Chlorophenol-d4	7.427	132	60350	19.949	ng/u1	0.00
15) 4-Methylphenol-d8	8.602	113	64819	19.663	ng/u1	0.00
21) Nitrobenzene-d5	9.055	128	31822	19.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.783	143	35272	19.383	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	68738	19.704	ng/u1	0.00
31) 4-Chloroaniline-d4	10.835	131	99203	19.616	ng/u1	0.00
46) Dimethylphthalate-d6	13.937	166	225996	17.665	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	255203	19.035	ng/u1	0.00
54) 4-Nitrophenol-d4	14.736	143	36077	18.673	ng/u1	0.00
60) Fluorene-d10	15.524	176	201324	19.008	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	36057	17.580	ng/u1	0.00
73) Anthracene-d10	17.380	188	330043	18.974	ng/u1	0.00
81) Pyrene-d10	19.666	212	369314	18.438	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.443	264	363497	18.037	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	10684	7.610	ng/uL	98
5) Pyridine	3.767	79	76023	19.594	ng/u1	98
6) Benzaldehyde	7.034	77	25199m	14.438	ng/u1	
8) Phenol	7.087	94	89024	19.835	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	67927	19.756	ng/u1	98
12) 2-Chlorophenol	7.463	128	62682	19.794	ng/u1	99
13) 2-Methylphenol	8.338	108	68270	19.517	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.420	45	112341m	19.938	ng/u1	
16) Acetophenone	8.714	105	110867	19.748	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.696	70	58002	18.877	ng/u1	95
18) 4-Methylphenol	8.667	108	77867	20.483	ng/u1	91
19) Hexachloroethane	8.973	117	25196	20.186	ng/u1	86
22) Nitrobenzene	9.102	77	82450	18.548	ng/u1	99
23) Isophorone	9.619	82	176532	17.713	ng/u1	99
25) 2-Nitrophenol	9.813	139	38924	20.025	ng/u1	95
26) 2,4-Dimethylphenol	9.871	107	83401	19.243	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.101	93	96641	18.310	ng/u1	98
29) 2,4-Dichlorophenol	10.347	162	64747	19.555	ng/u1	95
30) Naphthalene	10.747	128	223301	18.786	ng/u1	99
32) 4-Chloroaniline	10.859	127	103459	20.017	ng/u1	98
33) Hexachlorobutadiene	11.029	225	45269	19.121	ng/u1	98
34) Caprolactam	11.611	113	25341	18.427	ng/u1	90
35) 4-Chloro-3-methylphenol	11.987	107	81973	19.454	ng/u1	93
36) 2-Methylnaphthalene	12.357	142	155084	19.474	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	154900	18.978	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.727	216	91581	19.069	ng/ul	99
40) Hexachlorocyclopentadiene	12.703	237	39986	15.480	ng/ul	98
41) 2,4,6-Trichlorophenol	12.968	196	62958	19.365	ng/ul	97
42) 2,4,5-Trichlorophenol	13.044	196	66642	19.223	ng/ul	98
43) 1,1'-Biphenyl	13.367	154	210329	18.749	ng/ul	99
44) 2-Chloronaphthalene	13.409	162	169925	19.051	ng/ul	97
45) 2-Nitroaniline	13.614	65	59119	19.081	ng/ul	97
47) Dimethylphthalate	13.984	163	228825	17.807	ng/ul	99
48) 2,6-Dinitrotoluene	14.108	165	48147	19.389	ng/ul	96
50) Acenaphthylene	14.255	152	276561	19.110	ng/ul	99
51) 3-Nitroaniline	14.437	138	35906	17.351	ng/ul	97
52) Acenaphthene	14.595	153	190938	19.003	ng/ul	99
53) 2,4-Dinitrophenol	14.648	184	19893	15.053	ng/ul	97
55) 4-Nitrophenol	14.754	109	27434	18.437	ng/ul	96
56) Dibenzofuran	14.930	168	270354	18.897	ng/ul	100
57) 2,4-Dinitrotoluene	14.895	165	70582	19.707	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.159	232	61935	19.337	ng/ul#	96
59) Diethylphthalate	15.347	149	234743	17.732	ng/ul	99
61) Fluorene	15.582	166	223833	19.078	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.571	204	118140	18.968	ng/ul	99
63) 4-Nitroaniline	15.606	138	27147	14.498	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.665	198	37666	17.850	ng/ul	98
67) N-Nitrosodiphenylamine	15.788	169	192174	19.258	ng/ul	98
68) 4-Bromophenyl-phenylether	16.464	248	81440	19.100	ng/ul	96
69) Hexachlorobenzene	16.587	284	91432	19.003	ng/ul	99
70) Atrazine	16.734	200	75773	19.368	ng/ul	91
71) Pentachlorophenol	16.928	266	44731	16.563	ng/ul	94
72) Phenanthrene	17.322	178	362923	18.971	ng/ul	99
74) Anthracene	17.416	178	372237	19.382	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.332	216	97812	19.371	ng/uL	97
76) Pentachlorobenzene	14.854	250	106380	19.265	ng/uL	95
77) Carbazole	17.680	167	332740	19.987	ng/ul	99
78) Di-n-butylphthalate	18.232	149	410754	19.417	ng/ul	99
80) Fluoranthene	19.331	202	428857	18.689	ng/ul	99
82) Pyrene	19.695	202	435043	18.711	ng/ul	99
83) Butylbenzylphthalate	20.577	149	178114	19.454	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.429	252	151816	20.054	ng/ul	98
85) Benzo(a)anthracene	21.511	228	426071	18.691	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.411	149	260189	19.980	ng/ul	99
87) Chrysene	21.575	228	407842	18.863	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	443172	19.976	ng/ul	100
90) Benzo(b)fluoranthene	23.667	252	439678	18.225	ng/ul	99
91) Benzo(k)fluoranthene	23.732	252	445595	18.519	ng/ul	98
93) Benzo(a)pyrene	24.513	252	395689	18.441	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.238	276	526188	18.612	ng/ul	99
95) Dibenzo(a,h)anthracene	28.285	278	436750	18.839	ng/ul	99
96) Benzo(g,h,i)perylene	29.349	276	431275	18.723	ng/ul	96

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

