

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
 Data File : BG059516.D
 Acq On : 28 Oct 2023 11:06
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020459

Quant Time: Oct 30 02:22:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.365	152	64923	20.000	ng/u1	0.00
20) Naphthalene-d8	11.214	136	320493	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.992	164	199798	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.748	188	446518	20.000	ng/u1	0.00
79) Chrysene-d12	22.084	240	419712	20.000	ng/u1	0.00
88) Perylene-d12	25.691	264	440334	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	13178	7.594	ng/uL	0.00
4) Pyridine-d5	4.087	84	105827	21.824	ng/u1	0.00
7) Phenol-d5	7.466	99	139889	20.968	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	67339	21.975	ng/u1	0.00
11) 2-Chlorophenol-d4	7.877	132	109382	20.209	ng/u1	0.00
15) 4-Methylphenol-d8	9.040	113	106884	20.194	ng/u1	0.00
21) Nitrobenzene-d5	9.563	128	43512	19.094	ng/u1	0.00
24) 2-Nitrophenol-d4	10.280	143	45739	19.551	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.803	165	101728	19.737	ng/u1	0.00
31) 4-Chloroaniline-d4	11.349	131	180189	21.237	ng/u1	0.00
46) Dimethylphthalate-d6	14.387	166	355708	19.651	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	435986	20.524	ng/u1	0.00
54) 4-Nitrophenol-d4	15.151	143	62512	20.139	ng/u1	0.00
60) Fluorene-d10	15.979	176	302275	19.540	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	39785	18.815	ng/u1	0.00
73) Anthracene-d10	17.842	188	487702	20.161	ng/u1	0.00
81) Pyrene-d10	20.110	212	581209	19.923	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.439	264	541122	20.869	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.694	88	18078	9.308	ng/uL#	86
5) Pyridine	4.111	79	107937	22.567	ng/u1#	85
6) Benzaldehyde	7.507	77	73660	24.513	ng/u1	99
8) Phenol	7.495	94	132713	21.101	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.777	93	105534	22.881	ng/u1	96
12) 2-Chlorophenol	7.906	128	112381	20.944	ng/u1	95
13) 2-Methylphenol	8.776	108	112752	21.504	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.870	45	93634m	21.572	ng/u1	
16) Acetophenone	9.205	105	182719	21.900	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.170	70	77815	19.794	ng/u1#	97
18) 4-Methylphenol	9.105	108	118074	21.165	ng/u1	88
19) Hexachloroethane	9.452	117	41454	19.452	ng/u1	94
22) Nitrobenzene	9.604	77	101282	20.591	ng/u1	94
23) Isophorone	10.110	82	245297	19.803	ng/u1#	91
25) 2-Nitrophenol	10.315	139	49997	19.872	ng/u1#	84
26) 2,4-Dimethylphenol	10.333	107	132624	20.041	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.603	93	141279	20.484	ng/u1#	97
29) 2,4-Dichlorophenol	10.832	162	100273	20.109	ng/u1#	86
30) Naphthalene	11.267	128	409239	20.487	ng/u1#	97
32) 4-Chloroaniline	11.379	127	169889	21.079	ng/u1#	86
33) Hexachlorobutadiene	11.496	225	56370	18.844	ng/u1	97
34) Caprolactam	12.143	113	38011m	20.837	ng/u1	
35) 4-Chloro-3-methylphenol	12.436	107	127243	21.386	ng/u1	94
36) 2-Methylnaphthalene	12.842	142	280334	20.399	ng/u1	100

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37) 1-Methylnaphthalene	13.059	142	278455	20.343	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.183	216	114774	19.917	ng/ul	98
40) Hexachlorocyclopentadiene	13.141	237	59622	17.748	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.418	196	72204	18.095	ng/ul	88
42) 2,4,5-Trichlorophenol	13.488	196	80441	18.620	ng/ul	93
43) 1,1'-Biphenyl	13.829	154	361153	19.981	ng/ul	99
44) 2-Chloronaphthalene	13.882	162	271469	19.324	ng/ul#	95
45) 2-Nitroaniline	14.093	65	53159	20.337	ng/ul	96
47) Dimethylphthalate	14.434	163	357034	19.964	ng/ul#	92
48) 2,6-Dinitrotoluene	14.569	165	55243	20.477	ng/ul#	78
50) Acenaphthylene	14.722	152	484934	19.813	ng/ul#	97
51) 3-Nitroaniline	14.910	138	69880	20.781	ng/ul#	81
52) Acenaphthene	15.057	153	306215	19.193	ng/ul	99
53) 2,4-Dinitrophenol	15.098	184	30540	19.924	ng/ul	95
55) 4-Nitrophenol	15.169	109	66279	19.375	ng/ul	92
56) Dibenzofuran	15.386	168	417804	20.199	ng/ul	96
57) 2,4-Dinitrotoluene	15.345	165	77545	20.435	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.592	232	68965	20.340	ng/ul	92
59) Diethylphthalate	15.785	149	389487	19.965	ng/ul#	96
61) Fluorene	16.032	166	355491	19.909	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.020	204	148572	19.469	ng/ul	98
63) 4-Nitroaniline	16.067	138	75598m	21.184	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.091	198	44589	20.008	ng/ul#	87
67) N-Nitrosodiphenylamine	16.238	169	298950	19.594	ng/ul	98
68) 4-Bromophenyl-phenylether	16.919	248	55208	12.356	ng/ul	98
69) Hexachlorobenzene	17.008	284	105633	20.456	ng/ul	89
70) Atrazine	17.172	200	103322	21.854	ng/ul	95
71) Pentachlorophenol	17.360	266	53574	18.160	ng/ul	97
72) Phenanthrene	17.789	178	563959	19.428	ng/ul	99
74) Anthracene	17.877	178	592524	20.216	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.788	216	116157	19.535	ng/uL	95
76) Pentachlorobenzene	15.280	250	110033	19.501	ng/uL	96
77) Carbazole	18.147	167	557265	22.133	ng/ul	96
78) Di-n-butylphthalate	18.670	149	710291	20.532	ng/ul	98
80) Fluoranthene	19.781	202	690776	19.424	ng/ul	97
82) Pyrene	20.139	202	723508	19.587	ng/ul	99
83) Butylbenzylphthalate	21.015	149	328795	19.709	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.966	252	214394	19.643	ng/ul#	92
85) Benzo(a)anthracene	22.060	228	676752	19.594	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.914	149	474499	19.062	ng/ul	98
87) Chrysene	22.131	228	626059	19.485	ng/ul	98
89) Di-n-octyl phthalate	23.277	149	829102	21.506	ng/ul	100
90) Benzo(b)fluoranthene	24.528	252	657608	20.603	ng/ul	96
91) Benzo(k)fluoranthene	24.605	252	660529	20.718	ng/ul	97
93) Benzo(a)pyrene	25.527	252	602750	19.980	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.887	276	760412m	19.886	ng/ul	
95) Dibenzo(a,h)anthracene	29.981	278	619192	19.606	ng/ul	98
96) Benzo(g,h,i)perylene	31.209	276	604804	19.325	ng/ul	96

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

