

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
 Data File : BG059286.D
 Acq On : 4 Oct 2023 18:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020584

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 04 23:50:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35814	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	175125	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	113833	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.612	188	250187	20.000	ng/u1	0.00
79) Chrysene-d12	21.907	240	219599	20.000	ng/u1	-0.01
88) Perylene-d12	25.385	264	267905	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	8583	9.045	ng/uL	0.00
4) Pyridine-d5	3.963	84	65615	23.698	ng/u1	0.00
7) Phenol-d5	7.359	99	86137	24.028	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	50923	22.236	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	59531	24.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	65082	23.486	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	32128	25.998	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	34851	28.727	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	67520	27.093	ng/u1	0.00
31) 4-Chloroaniline-d4	11.219	131	97163	24.097	ng/u1	0.00
46) Dimethylphthalate-d6	14.257	166	198515	24.121	ng/u1	0.00
49) Acenaphthylene-d8	14.568	160	244968	23.714	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	33023	22.977	ng/u1	0.00
60) Fluorene-d10	15.849	176	184100	23.503	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	31774	24.707	ng/u1	0.00
73) Anthracene-d10	17.712	188	269800	23.667	ng/u1	0.00
81) Pyrene-d10	19.986	212	302900	24.631	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.144	264	305532	23.732	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.570	88	10099	9.059	ng/uL#	77
5) Pyridine	3.987	79	64494	22.939	ng/u1	90
6) Benzaldehyde	7.377	77	40658	25.826	ng/u1	92
8) Phenol	7.389	94	81346	22.810	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.647	93	68042	23.264	ng/u1	90
12) 2-Chlorophenol	7.782	128	61028	24.019	ng/u1	96
13) 2-Methylphenol	8.658	108	62356	23.143	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	151704m	23.462	ng/u1	
16) Acetophenone	9.075	105	100872	23.504	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.034	70	52114	23.938	ng/u1#	95
18) 4-Methylphenol	8.993	108	69134	24.217	ng/u1	95
19) Hexachloroethane	9.310	117	22148	22.126	ng/u1	96
22) Nitrobenzene	9.468	77	73557	24.113	ng/u1	96
23) Isophorone	9.980	82	152496	23.246	ng/u1	98
25) 2-Nitrophenol	10.179	139	36242	27.113	ng/u1#	93
26) 2,4-Dimethylphenol	10.203	107	69873	24.447	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.461	93	99114	23.946	ng/u1	99
29) 2,4-Dichlorophenol	10.702	162	65038	26.253	ng/u1	97
30) Naphthalene	11.119	128	224762	23.937	ng/u1	97
32) 4-Chloroaniline	11.243	127	92843	24.079	ng/u1	94
33) Hexachlorobutadiene	11.349	225	40785	24.599	ng/u1	89
34) Caprolactam	12.018	113	20938m	24.427	ng/u1	
35) 4-Chloro-3-methylphenol	12.324	107	69043	26.121	ng/u1	96
36) 2-Methylnaphthalene	12.706	142	147832	24.033	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100423\
 Data File : BG059286.D
 Acq On : 4 Oct 2023 18:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020584

Quant Time: Oct 04 23:50:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	156452	25.060	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	81063	23.786	ng/ul	98
40) Hexachlorocyclopentadiene	13.005	237	45038	21.424	ng/ul	99
41) 2,4,6-Trichlorophenol	13.293	196	52920	25.363	ng/ul#	76
42) 2,4,5-Trichlorophenol	13.370	196	55658	25.422	ng/ul	93
43) 1,1'-Biphenyl	13.699	154	215444	23.435	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	162729	23.510	ng/ul	95
45) 2-Nitroaniline	13.969	65	54697	28.015	ng/ul	90
47) Dimethylphthalate	14.304	163	198433	23.540	ng/ul#	99
48) 2,6-Dinitrotoluene	14.451	165	40342	28.137	ng/ul#	94
50) Acenaphthylene	14.598	152	258761	23.467	ng/ul#	94
51) 3-Nitroaniline	14.792	138	40541	26.193	ng/ul#	95
52) Acenaphthene	14.927	153	179048	23.657	ng/ul	95
53) 2,4-Dinitrophenol	14.986	184	13227m	16.596	ng/ul	
55) 4-Nitrophenol	15.068	109	24740	24.403	ng/ul	98
56) Dibenzofuran	15.262	168	240474	23.969	ng/ul	100
57) 2,4-Dinitrotoluene	15.232	165	56447	26.589	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.467	232	51396	25.931	ng/ul	92
59) Diethylphthalate	15.649	149	190474	23.373	ng/ul	94
61) Fluorene	15.908	166	200930	23.853	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.890	204	102424	24.391	ng/ul	93
63) 4-Nitroaniline	15.955	138	36180m	25.401	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.978	198	34553	25.482	ng/ul#	81
67) N-Nitrosodiphenylamine	16.108	169	163680	24.543	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	59098	24.383	ng/ul	96
69) Hexachlorobenzene	16.877	284	68007	24.837	ng/ul	96
70) Atrazine	17.042	200	63264	24.948	ng/ul	95
71) Pentachlorophenol	17.236	266	37928m	24.067	ng/ul	
72) Phenanthrene	17.653	178	331504	24.144	ng/ul	99
74) Anthracene	17.747	178	334522	23.596	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.658	216	82771	25.105	ng/uL	92
76) Pentachlorobenzene	15.156	250	78554	24.130	ng/uL	99
77) Carbazole	18.023	167	280532	24.278	ng/ul	98
78) Di-n-butylphthalate	18.528	149	338413	24.707	ng/ul	100
80) Fluoranthene	19.645	202	373427	24.649	ng/ul#	96
82) Pyrene	20.015	202	392689	24.472	ng/ul	99
83) Butylbenzylphthalate	20.867	149	143609	25.378	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.801	252	134139	26.376	ng/ul	99
85) Benzo(a)anthracene	21.889	228	376389	24.348	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.719	149	217417	25.302	ng/ul	98
87) Chrysene	21.960	228	358115	24.528	ng/ul	97
89) Di-n-octyl phthalate	23.011	149	366498	23.522	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	382073	23.285	ng/ul	100
91) Benzo(k)fluoranthene	24.333	252	397381	23.901	ng/ul	99
93) Benzo(a)pyrene	25.215	252	374013	24.028	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.398	276	414482m	23.522	ng/ul	
95) Dibenzo(a,h)anthracene	29.469	278	339716	23.708	ng/ul	97
96) Benzo(g,h,i)perylene	30.673	276	329254	22.981	ng/ul	97

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

