

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
 Data File : BG060525.D
 Acq On : 1 Feb 2024 1:59
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020484

Quant Time: Feb 01 03:16:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 31 22:04:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	118030	20.000	ng/u1	0.00
20) Naphthalene-d8	10.738	136	545549	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	471725	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	1225831	20.000	ng/u1	0.00
79) Chrysene-d12	21.584	240	1204748	20.000	ng/u1	0.00
88) Perylene-d12	24.751	264	1327823	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	22282	9.460	ng/uL	0.00
4) Pyridine-d5	3.781	84	176238	23.653	ng/u1	0.00
7) Phenol-d5	7.101	99	198829	17.737	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	120033	17.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	134877	18.018	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	175671	19.025	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	76435	18.993	ng/u1	0.00
24) 2-Nitrophenol-d4	9.821	143	95345	20.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	201419	20.599	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	238625	18.602	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	704438	18.250	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	791157	18.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	98109	17.746	ng/u1	0.00
60) Fluorene-d10	15.562	176	634846	18.770	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	124368	16.385	ng/u1	0.00
73) Anthracene-d10	17.418	188	1115374	19.195	ng/u1	0.00
81) Pyrene-d10	19.710	212	1343848	18.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1281873	18.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	24951	9.574	ng/uL	97
5) Pyridine	3.799	79	179574	23.706	ng/u1	91
6) Benzaldehyde	7.072	77	97045	22.775	ng/u1	88
8) Phenol	7.124	94	206820	17.651	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.354	93	159534	17.094	ng/u1	94
12) 2-Chlorophenol	7.500	128	140089	18.142	ng/u1#	90
13) 2-Methylphenol	8.376	108	172124	19.009	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.464	45	231444	18.791	ng/u1	95
16) Acetophenone	8.752	105	275142	18.698	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.734	70	157181	19.809	ng/u1	94
18) 4-Methylphenol	8.705	108	182764	18.772	ng/u1	98
19) Hexachloroethane	9.016	117	60640	17.762	ng/u1	96
22) Nitrobenzene	9.140	77	203897	18.521	ng/u1	97
23) Isophorone	9.657	82	448024	18.772	ng/u1	99
25) 2-Nitrophenol	9.851	139	97071	20.309	ng/u1	96
26) 2,4-Dimethylphenol	9.904	107	202611	20.543	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.139	93	253984	18.694	ng/u1	94
29) 2,4-Dichlorophenol	10.385	162	190979	20.319	ng/u1	95
30) Naphthalene	10.785	128	549378	18.663	ng/u1	99
32) 4-Chloroaniline	10.897	127	239004	18.991	ng/u1	95
33) Hexachlorobutadiene	11.067	225	147922	18.953	ng/u1	91
34) Caprolactam	11.649	113	67547m	21.587	ng/u1	
35) 4-Chloro-3-methylphenol	12.025	107	206898	21.955	ng/u1	98
36) 2-Methylnaphthalene	12.395	142	424691	20.523	ng/u1	95

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	419189	20.042	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.765	216	308352	17.960	ng/ul	100
40) Hexachlorocyclopentadiene	12.741	237	136242	13.123	ng/ul	99
41) 2,4,6-Trichlorophenol	13.006	196	209249	19.994	ng/ul	95
42) 2,4,5-Trichlorophenol	13.076	196	215170	19.457	ng/ul	99
43) 1,1'-Biphenyl	13.405	154	625535	17.901	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	536734	18.192	ng/ul	97
45) 2-Nitroaniline	13.652	65	148712	20.026	ng/ul	93
47) Dimethylphthalate	14.022	163	700750	18.187	ng/ul	98
48) 2,6-Dinitrotoluene	14.146	165	141187	19.430	ng/ul	98
50) Acenaphthylene	14.293	152	870752	18.228	ng/ul	98
51) 3-Nitroaniline	14.481	138	121627	19.912	ng/ul#	94
52) Acenaphthene	14.633	153	582039	18.267	ng/ul	96
53) 2,4-Dinitrophenol	14.686	184	52450	13.225	ng/ul	92
55) 4-Nitrophenol	14.792	109	67733	17.994	ng/ul	90
56) Dibenzofuran	14.968	168	828729	18.423	ng/ul	98
57) 2,4-Dinitrotoluene	14.933	165	213374	20.039	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.197	232	194963	18.970	ng/ul#	95
59) Diethylphthalate	15.385	149	665404	17.961	ng/ul	100
61) Fluorene	15.620	166	694770	18.826	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.609	204	386261	18.961	ng/ul	98
63) 4-Nitroaniline	15.644	138	119577m	19.983	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.697	198	126400	15.920	ng/ul#	98
67) N-Nitrosodiphenylamine	15.826	169	600603	18.064	ng/ul	98
68) 4-Bromophenyl-phenylether	16.508	248	265595	18.650	ng/ul	97
69) Hexachlorobenzene	16.625	284	307767	18.631	ng/ul	99
70) Atrazine	16.772	200	255198	18.671	ng/ul	96
71) Pentachlorophenol	16.966	266	131848m	14.491	ng/ul	
72) Phenanthrene	17.360	178	1205618	18.706	ng/ul	99
74) Anthracene	17.454	178	1239005	18.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.370	216	324615	18.259	ng/uL	89
76) Pentachlorobenzene	14.892	250	337708	18.083	ng/uL	97
77) Carbazole	17.724	167	1064526	19.625	ng/ul	99
78) Di-n-butylphthalate	18.276	149	1217218	19.035	ng/ul	100
80) Fluoranthene	19.375	202	1499363	18.608	ng/ul	99
82) Pyrene	19.739	202	1570023	18.722	ng/ul	96
83) Butylbenzylphthalate	20.620	149	536149	17.937	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.478	252	555449	19.984	ng/ul	99
85) Benzo(a)anthracene	21.560	228	1577299	18.987	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.461	149	782219	17.532	ng/ul	98
87) Chrysene	21.625	228	1475091	18.903	ng/ul	99
89) Di-n-octyl phthalate	22.653	149	1352107	19.081	ng/ul	100
90) Benzo(b)fluoranthene	23.746	252	1538847	18.676	ng/ul	98
91) Benzo(k)fluoranthene	23.811	252	1527637	18.155	ng/ul	98
93) Benzo(a)pyrene	24.604	252	1459755	18.416	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.358	276	1743203	17.940	ng/ul	98
95) Dibenzo(a,h)anthracene	28.423	278	1435233	18.104	ng/ul	100
96) Benzo(g,h,i)perylene	29.492	276	1408435	17.902	ng/ul	96

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

