

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052697.D
 Acq On : 17 Mar 2022 18:18
 Operator : CG/JU
 Sample : SSTD04017
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040417

Quant Time: Mar 17 23:54:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 23:52:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	43301	20.000	ng/u1	0.00
20) Naphthalene-d8	10.967	136	173248	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.773	164	122334	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	283006	20.000	ng/u1	0.00
79) Chrysene-d12	21.805	240	279410	20.000	ng/u1	# 0.00
88) Perylene-d12	25.124	264	293952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	19799	17.936	ng/uL	0.00
4) Pyridine-d5	3.982	84	125160	37.585	ng/u1	0.00
7) Phenol-d5	7.295	99	155156	37.788	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.471	67	97426	40.602	ng/u1	0.00
11) 2-Chlorophenol-d4	7.683	132	108879	37.754	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	113893	35.651	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	52659	35.654	ng/u1	0.00
24) 2-Nitrophenol-d4	10.038	143	57674	35.651	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.573	165	118633	39.324	ng/u1	0.00
31) 4-Chloroaniline-d4	11.090	131	152153	36.395	ng/u1	0.00
46) Dimethylphthalate-d6	14.174	166	374372	37.645	ng/u1	0.00
49) Acenaphthylene-d8	14.468	160	454064	36.985	ng/u1	0.00
54) 4-Nitrophenol-d4	14.938	143	65163	41.218	ng/u1	0.00
60) Fluorene-d10	15.760	176	323564	37.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.866	200	56912	31.716	ng/u1	0.00
73) Anthracene-d10	17.616	188	510123	37.311	ng/u1	0.00
81) Pyrene-d10	19.896	212	639930	39.141	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.895	264	613083	38.876	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.600	88	20547	15.999	ng/uL	93
5) Pyridine	3.999	79	134671	40.056	ng/u1	91
6) Benzaldehyde	7.283	77	108946m	46.724	ng/u1	
8) Phenol	7.324	94	152865	36.810	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.565	93	113178	36.845	ng/u1	96
12) 2-Chlorophenol	7.712	128	108365	36.067	ng/u1	94
13) 2-Methylphenol	8.582	108	116306	36.998	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.675	45	185772	44.189	ng/u1	97
16) Acetophenone	8.975	105	177882	36.140	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.963	70	103493	35.715	ng/u1	97
18) 4-Methylphenol	8.910	108	121703	36.404	ng/u1	92
19) Hexachloroethane	9.245	117	46263	39.382	ng/u1	92
22) Nitrobenzene	9.357	77	150057	39.633	ng/u1	93
23) Isophorone	9.886	82	284361	38.931	ng/u1	96
25) 2-Nitrophenol	10.068	139	59473	34.984	ng/u1	95
26) 2,4-Dimethylphenol	10.121	107	137594	39.351	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.361	93	158140	40.002	ng/u1	99
29) 2,4-Dichlorophenol	10.602	162	113407	39.737	ng/u1	94
30) Naphthalene	11.019	128	355777	36.912	ng/u1	96
32) 4-Chloroaniline	11.113	127	147902	34.486	ng/u1	99
33) Hexachlorobutadiene	11.313	225	90734	40.292	ng/u1	97
34) Caprolactam	11.883	113	33886m	31.916	ng/u1	
35) 4-Chloro-3-methylphenol	12.224	107	128368	40.271	ng/u1	94
36) 2-Methylnaphthalene	12.611	142	251936	36.478	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.829	142	254608	36.225	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.976	216	160051	37.279	ng/ul	98
40) Hexachlorocyclopentadiene	12.964	237	113180	54.456	ng/ul	100
41) 2,4,6-Trichlorophenol	13.205	196	101960	39.599	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	109171	39.779	ng/ul	96
43) 1,1'-Biphenyl	13.610	154	343091	35.272	ng/ul	100
44) 2-Chloronaphthalene	13.651	162	270799	36.607	ng/ul	98
45) 2-Nitroaniline	13.845	65	86338	35.735	ng/ul	97
47) Dimethylphthalate	14.221	163	351341	36.141	ng/ul	99
48) 2,6-Dinitrotoluene	14.333	165	69547	32.669	ng/ul	91
50) Acenaphthylene	14.497	152	425620	34.693	ng/ul	99
51) 3-Nitroaniline	14.662	138	72608	41.881	ng/ul	100
52) Acenaphthene	14.838	153	284707	35.287	ng/ul	99
53) 2,4-Dinitrophenol	14.861	184	38073	36.167	ng/ul#	75
55) 4-Nitrophenol	14.955	109	67339	43.919	ng/ul	98
56) Dibenzofuran	15.167	168	413371	35.639	ng/ul	98
57) 2,4-Dinitrotoluene	15.120	165	96171	31.187	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.390	232	101079	40.638	ng/ul#	98
59) Diethylphthalate	15.584	149	366068	37.251	ng/ul	100
61) Fluorene	15.819	166	337425	34.585	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.807	204	183763	34.609	ng/ul	98
63) 4-Nitroaniline	15.825	138	70841m	42.558	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.883	198	56507	32.492	ng/ul#	95
67) N-Nitrosodiphenylamine	16.019	169	306142	38.394	ng/ul	97
68) 4-Bromophenyl-phenylether	16.700	248	118599	34.916	ng/ul	97
69) Hexachlorobenzene	16.823	284	147124	37.748	ng/ul	93
70) Atrazine	16.964	200	129289	36.790	ng/ul	98
71) Pentachlorophenol	17.158	266	91679	52.225	ng/ul	97
72) Phenanthrene	17.558	178	583746	38.297	ng/ul	96
74) Anthracene	17.646	178	577268	37.629	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	174060	38.880	ng/uL	98
76) Pentachlorobenzene	15.090	250	166314	38.912	ng/uL	100
77) Carbazole	17.910	167	533967	39.188	ng/ul	99
78) Di-n-butylphthalate	18.474	149	633099	39.068	ng/ul	99
80) Fluoranthene	19.561	202	759119	39.327	ng/ul	100
82) Pyrene	19.925	202	730192	38.093	ng/ul	97
83) Butylbenzylphthalate	20.806	149	267754	38.640	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.693	252	267748	43.380	ng/ul	96
85) Benzo(a)anthracene	21.781	228	717134	37.878	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.693	149	373526	38.456	ng/ul	100
87) Chrysene	21.852	228	683073	37.633	ng/ul	99
89) Di-n-octyl phthalate	22.944	149	622196	36.604	ng/ul	100
90) Benzo(b)fluoranthene	24.066	252	765377	37.345	ng/ul	100
91) Benzo(k)fluoranthene	24.143	252	684262	36.197	ng/ul	99
93) Benzo(a)pyrene	24.977	252	706127	36.625	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.930	276	804592	36.700	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.001	278	675051	36.070	ng/ul	99
96) Benzo(g,h,i)perylene	30.117	276	681830	37.041	ng/ul	98

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

