

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063351.D
 Acq On : 13 Nov 2024 10:26
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020532

Quant Time: Nov 13 11:17:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	88790	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	357567	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.470	164	313209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.220	188	821901	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.474	240	894627	20.000	ng/u1	# 0.00
88) Perylene-d12	24.506	264	958094	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	16484	8.395	ng/uL	0.00
4) Pyridine-d5	3.701	84	129282	19.920	ng/u1	0.00
7) Phenol-d5	7.003	99	148505	18.536	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.161	67	89995	19.150	ng/u1	0.00
11) 2-Chlorophenol-d4	7.367	132	103160	19.837	ng/u1	0.00
15) 4-Methylphenol-d8	8.542	113	125468	18.476	ng/u1	0.00
21) Nitrobenzene-d5	8.983	128	53774	21.391	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	70984	21.848	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	134847	21.149	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	164523	19.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.877	166	468786	19.108	ng/u1	0.00
49) Acenaphthylene-d8	14.159	160	505404	21.047	ng/u1	0.00
54) 4-Nitrophenol-d4	14.682	143	67796	20.183	ng/u1	0.00
60) Fluorene-d10	15.463	176	415859	20.084	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	104679	20.265	ng/u1	0.00
73) Anthracene-d10	17.320	188	781325m	22.119	ng/u1	0.00
81) Pyrene-d10	19.617	212	996167	22.209	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.294	264	989698	21.395	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	21024	8.697	ng/uL#	77
5) Pyridine	3.724	79	128133	19.350	ng/u1	94
6) Benzaldehyde	6.973	77	102257	23.093	ng/u1	91
8) Phenol	7.032	94	157355	18.022	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.255	93	107366	18.081	ng/u1	93
12) 2-Chlorophenol	7.396	128	108411	19.489	ng/u1	94
13) 2-Methylphenol	8.278	108	117425	18.412	ng/u1	83
14) 2,2'-oxybis(1-Chloropr...	8.348	45	155144	20.671	ng/u1	99
16) Acetophenone	8.648	105	200464	18.334	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.630	70	113691	17.826	ng/u1	95
18) 4-Methylphenol	8.607	108	133165	18.362	ng/u1	94
19) Hexachloroethane	8.906	117	46759	20.743	ng/u1	94
22) Nitrobenzene	9.024	77	166776	21.516	ng/u1#	96
23) Isophorone	9.547	82	304270	18.599	ng/u1	96
25) 2-Nitrophenol	9.735	139	72158	22.467	ng/u1	92
26) 2,4-Dimethylphenol	9.799	107	148372	21.179	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.029	93	168180	21.325	ng/u1	95
29) 2,4-Dichlorophenol	10.275	162	129673	21.573	ng/u1	97
30) Naphthalene	10.669	128	384750	21.029	ng/u1	96
32) 4-Chloroaniline	10.781	127	158342	19.921	ng/u1	99
33) Hexachlorobutadiene	10.957	225	116719	20.289	ng/u1	98
34) Caprolactam	11.521	113	48601m	19.454	ng/u1	
35) 4-Chloro-3-methylphenol	11.915	107	139473	19.338	ng/u1	91
36) 2-Methylnaphthalene	12.285	142	292788	20.191	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.502	142	299334	19.851	ng/ul	88
39) 1,2,4,5-Tetrachloroben...	12.655	216	227423	20.598	ng/ul	95
40) Hexachlorocyclopentadiene	12.637	237	95245	15.798	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.902	196	130699	21.930	ng/ul	99
42) 2,4,5-Trichlorophenol	12.978	196	137486	21.273	ng/ul	96
43) 1,1'-Biphenyl	13.295	154	423931	21.353	ng/ul	98
44) 2-Chloronaphthalene	13.342	162	324138	20.972	ng/ul	97
45) 2-Nitroaniline	13.548	65	109006	20.675	ng/ul	93
47) Dimethylphthalate	13.924	163	441551	18.770	ng/ul	97
48) 2,6-Dinitrotoluene	14.042	165	94417	20.974	ng/ul	99
50) Acenaphthylene	14.188	152	512885	21.441	ng/ul	97
51) 3-Nitroaniline	14.376	138	89738	22.838	ng/ul#	94
52) Acenaphthene	14.535	153	367304	21.454	ng/ul	99
53) 2,4-Dinitrophenol	14.594	184	46040	15.513	ng/ul#	83
55) 4-Nitrophenol	14.694	109	85341	19.548	ng/ul	95
56) Dibenzofuran	14.870	168	534921	20.411	ng/ul	97
57) 2,4-Dinitrotoluene	14.841	165	145171	20.390	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.099	232	139523	20.845	ng/ul#	91
59) Diethylphthalate	15.293	149	456545	18.930	ng/ul	99
61) Fluorene	15.522	166	460639	20.767	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.516	204	279065	19.576	ng/ul	98
63) 4-Nitroaniline	15.540	138	99900	25.120	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.604	198	109178	20.366	ng/ul	99
67) N-Nitrosodiphenylamine	15.728	169	394869	21.536	ng/ul	96
68) 4-Bromophenyl-phenylether	16.409	248	194254	20.674	ng/ul	99
69) Hexachlorobenzene	16.533	284	207348	20.715	ng/ul	95
70) Atrazine	16.680	200	209410	20.878	ng/ul	98
71) Pentachlorophenol	16.879	266	93147	18.562	ng/ul	97
72) Phenanthrene	17.261	178	826259	22.003	ng/ul	100
74) Anthracene	17.355	178	861384	22.392	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.266	216	232422	21.868	ng/ul	97
76) Pentachlorobenzene	14.794	250	232710	20.532	ng/ul	93
77) Carbazole	17.626	167	735610	23.032	ng/ul	99
78) Di-n-butylphthalate	18.190	149	869133	23.923	ng/ul	98
80) Fluoranthene	19.282	202	1127596	23.258	ng/ul#	97
82) Pyrene	19.647	202	1200021	23.351	ng/ul#	95
83) Butylbenzylphthalate	20.540	149	377679	25.147	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.374	252	453239	23.561	ng/ul	94
85) Benzo(a)anthracene	21.456	228	1241589	21.941	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	553065	25.281	ng/ul#	99
87) Chrysene	21.515	228	1152259	21.840	ng/ul	99
89) Di-n-octyl phthalate	22.514	149	920342	24.376	ng/ul	100
90) Benzo(b)fluoranthene	23.548	252	1225358m	21.257	ng/ul	
91) Benzo(k)fluoranthene	23.607	252	1227519	21.379	ng/ul	99
93) Benzo(a)pyrene	24.365	252	1125065	21.100	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.925	276	1373075	20.993	ng/ul	99
95) Dibenzo(a,h)anthracene	27.972	278	1140297	21.384	ng/ul#	96
96) Benzo(g,h,i)perylene	28.989	276	1050178	21.178	ng/ul#	96

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

