

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063176.D
 Acq On : 6 Nov 2024 20:46
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020516

Quant Time: Nov 06 22:47:39 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 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	59068	20.000	ng/u1	0.00
20) Naphthalene-d8	10.629	136	272894	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.477	164	260846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	733289	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	842468	20.000	ng/u1	0.00
88) Perylene-d12	24.513	264	903853	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	9345	7.154	ng/uL	0.00
4) Pyridine-d5	3.708	84	85546	19.813	ng/u1	0.00
7) Phenol-d5	7.010	99	106745	20.027	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.174	67	64801	20.727	ng/u1	0.00
11) 2-Chlorophenol-d4	7.374	132	75288	21.762	ng/u1	0.00
15) 4-Methylphenol-d8	8.543	113	95411	21.120	ng/u1	0.00
21) Nitrobenzene-d5	8.995	128	42442	22.122	ng/u1	0.00
24) 2-Nitrophenol-d4	9.718	143	51240	20.665	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.253	165	100304	20.613	ng/u1	0.00
31) 4-Chloroaniline-d4	10.764	131	127719	20.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.878	166	414591	20.291	ng/u1	0.00
49) Acenaphthylene-d8	14.166	160	415120	20.757	ng/u1	0.00
54) 4-Nitrophenol-d4	14.683	143	57012	20.380	ng/u1	0.00
60) Fluorene-d10	15.470	176	358038	20.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	90367	19.609	ng/u1	0.00
73) Anthracene-d10	17.321	188	654888	20.780	ng/u1	0.00
81) Pyrene-d10	19.618	212	908623	21.511	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.301	264	890096	20.397	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	10820	6.728	ng/uL#	83
5) Pyridine	3.731	79	89189	20.246	ng/u1	92
6) Benzaldehyde	6.980	77	81828	27.778	ng/u1#	88
8) Phenol	7.039	94	119068m	20.499	ng/u1	
10) Bis(2-Chloroethyl)ether	7.262	93	83795	21.212	ng/u1#	87
12) 2-Chlorophenol	7.403	128	78528	21.220	ng/u1	95
13) 2-Methylphenol	8.284	108	89238	21.033	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.361	45	108213	21.673	ng/u1	94
16) Acetophenone	8.655	105	151878	20.880	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.643	70	89591	21.115	ng/u1	99
18) 4-Methylphenol	8.614	108	99495	20.623	ng/u1	86
19) Hexachloroethane	8.913	117	30942	20.634	ng/u1	92
22) Nitrobenzene	9.037	77	124112	20.980	ng/u1	90
23) Isophorone	9.554	82	245625	19.673	ng/u1	97
25) 2-Nitrophenol	9.742	139	51126	20.858	ng/u1	94
26) 2,4-Dimethylphenol	9.806	107	110224	20.616	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.041	93	125986	20.932	ng/u1#	94
29) 2,4-Dichlorophenol	10.276	162	96719	21.083	ng/u1	95
30) Naphthalene	10.676	128	291205	20.855	ng/u1	99
32) 4-Chloroaniline	10.787	127	122544	20.201	ng/u1	98
33) Hexachlorobutadiene	10.970	225	88803	20.226	ng/u1	94
34) Caprolactam	11.534	113	40597m	21.292	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	113222	20.569	ng/u1	98
36) 2-Methylnaphthalene	12.292	142	228700	20.665	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.509	142	235398	20.454	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.662	216	186733	20.307	ng/ul#	98
40) Hexachlorocyclopentadiene	12.644	237	90280	17.981	ng/ul	93
41) 2,4,6-Trichlorophenol	12.903	196	102434	20.638	ng/ul	95
42) 2,4,5-Trichlorophenol	12.979	196	115050	21.375	ng/ul	96
43) 1,1'-Biphenyl	13.308	154	343661	20.785	ng/ul	96
44) 2-Chloronaphthalene	13.343	162	259167	20.134	ng/ul	100
45) 2-Nitroaniline	13.549	65	93344	21.258	ng/ul	97
47) Dimethylphthalate	13.931	163	402066	20.523	ng/ul	98
48) 2,6-Dinitrotoluene	14.048	165	78434	20.921	ng/ul	99
50) Acenaphthylene	14.195	152	402087	20.184	ng/ul	96
51) 3-Nitroaniline	14.377	138	76946	23.514	ng/ul	92
52) Acenaphthene	14.542	153	294174	20.632	ng/ul	99
53) 2,4-Dinitrophenol	14.595	184	40181	16.257	ng/ul#	90
55) 4-Nitrophenol	14.695	109	78226	21.515	ng/ul	91
56) Dibenzofuran	14.877	168	456078	20.896	ng/ul	96
57) 2,4-Dinitrotoluene	14.842	165	121448	20.483	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.106	232	116210	20.848	ng/ul#	91
59) Diethylphthalate	15.300	149	416480	20.735	ng/ul	98
61) Fluorene	15.523	166	386601	20.928	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.517	204	246980	20.804	ng/ul	99
63) 4-Nitroaniline	15.547	138	81140	24.499	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.605	198	100057	20.921	ng/ul	99
67) N-Nitrosodiphenylamine	15.735	169	346871	21.204	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	170071	20.288	ng/ul	97
69) Hexachlorobenzene	16.534	284	180468	20.208	ng/ul	96
70) Atrazine	16.686	200	187103	20.908	ng/ul	94
71) Pentachlorophenol	16.880	266	78101m	17.444	ng/ul	
72) Phenanthrene	17.268	178	710561	21.208	ng/ul	99
74) Anthracene	17.362	178	720876	21.004	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.273	216	192433	20.294	ng/ul	97
76) Pentachlorobenzene	14.800	250	210362	20.803	ng/ul	96
77) Carbazole	17.626	167	621261	21.802	ng/ul	99
78) Di-n-butylphthalate	18.191	149	693446	21.394	ng/ul	99
80) Fluoranthene	19.289	202	979702	21.458	ng/ul	98
82) Pyrene	19.654	202	1026766	21.217	ng/ul	99
83) Butylbenzylphthalate	20.547	149	305824	21.623	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.381	252	409608	22.611	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1132188	21.246	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.381	149	447509	21.723	ng/ul	98
87) Chrysene	21.522	228	1065147	21.439	ng/ul	98
89) Di-n-octyl phthalate	22.521	149	760973	21.365	ng/ul	100
90) Benzo(b)fluoranthene	23.555	252	1125833	20.702	ng/ul	99
91) Benzo(k)fluoranthene	23.614	252	1126461	20.796	ng/ul	100
93) Benzo(a)pyrene	24.366	252	1041815	20.711	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.920	276	1302783	21.114	ng/ul#	98
95) Dibenzo(a,h)anthracene	27.973	278	1050697	20.887	ng/ul	99
96) Benzo(g,h,i)perylene	28.984	276	966332	20.656	ng/ul	98

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

