

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063222.D
 Acq On : 8 Nov 2024 3:41
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020519

Quant Time: Nov 08 04:31:15 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 :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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 ahmed
 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	87967	20.000	ng/u1	0.00
20) Naphthalene-d8	10.629	136	407410	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.477	164	370689	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	927554m	20.000	ng/u1	0.00
79) Chrysene-d12	21.481	240	964209	20.000	ng/u1	0.00
88) Perylene-d12	24.524	264	1020583	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	14256	7.328	ng/uL	0.00
4) Pyridine-d5	3.714	84	118682	18.458	ng/u1	0.00
7) Phenol-d5	7.016	99	156236	19.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.168	67	89734	19.273	ng/u1	0.00
11) 2-Chlorophenol-d4	7.374	132	110033	21.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.549	113	136087	20.227	ng/u1	0.00
21) Nitrobenzene-d5	8.990	128	61301	21.402	ng/u1	0.00
24) 2-Nitrophenol-d4	9.718	143	76840	20.757	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.259	165	163495	22.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.764	131	188051	19.874	ng/u1	0.00
46) Dimethylphthalate-d6	13.884	166	533555	18.376	ng/u1	0.00
49) Acenaphthylene-d8	14.166	160	619121	21.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.689	143	75862	19.082	ng/u1	0.00
60) Fluorene-d10	15.476	176	510940	20.850	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	97525m	16.730	ng/u1	0.00
73) Anthracene-d10	17.327	188	864777	21.693	ng/u1	0.00
81) Pyrene-d10	19.624	212	1068447	22.101	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.313	264	1048612	21.281	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.337	88	15318	6.396	ng/uL#	81
5) Pyridine	3.731	79	118925	18.127	ng/u1	94
6) Benzaldehyde	6.980	77	105796	24.116	ng/u1	94
8) Phenol	7.039	94	169352	19.578	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.262	93	113465	19.287	ng/u1	91
12) 2-Chlorophenol	7.403	128	117192	21.265	ng/u1	96
13) 2-Methylphenol	8.285	108	130566	20.664	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.361	45	146979	19.767	ng/u1	98
16) Acetophenone	8.655	105	208951	19.289	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.643	70	115694	18.309	ng/u1	97
18) 4-Methylphenol	8.614	108	143819	20.017	ng/u1	88
19) Hexachloroethane	8.919	117	50611	22.662	ng/u1	95
22) Nitrobenzene	9.037	77	181896	20.596	ng/u1	91
23) Isophorone	9.554	82	331077	17.762	ng/u1	97
25) 2-Nitrophenol	9.748	139	79276	21.664	ng/u1#	90
26) 2,4-Dimethylphenol	9.806	107	168500	21.110	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.041	93	172364	19.182	ng/u1#	95
29) 2,4-Dichlorophenol	10.282	162	151154	22.070	ng/u1#	95
30) Naphthalene	10.682	128	436711	20.949	ng/u1	96
32) 4-Chloroaniline	10.788	127	175598	19.390	ng/u1	98
33) Hexachlorobutadiene	10.970	225	142030	21.668	ng/u1	95
34) Caprolactam	11.540	113	51215m	17.992	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	173588	21.123	ng/u1	93
36) 2-Methylnaphthalene	12.292	142	351110	21.251	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.515	142	360134	20.961	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.668	216	294368	22.527	ng/ul	97
40) Hexachlorocyclopentadiene	12.644	237	86191	12.079	ng/ul	99
41) 2,4,6-Trichlorophenol	12.909	196	165424	23.453	ng/ul	94
42) 2,4,5-Trichlorophenol	12.979	196	178578	23.347	ng/ul	99
43) 1,1'-Biphenyl	13.308	154	508832	21.655	ng/ul	99
44) 2-Chloronaphthalene	13.349	162	402369	21.996	ng/ul	95
45) 2-Nitroaniline	13.555	65	133141	21.337	ng/ul	93
47) Dimethylphthalate	13.931	163	510999	18.354	ng/ul	99
48) 2,6-Dinitrotoluene	14.054	165	109229	20.502	ng/ul	96
50) Acenaphthylene	14.201	152	612284	21.627	ng/ul#	97
51) 3-Nitroaniline	14.383	138	100330	21.575	ng/ul#	97
52) Acenaphthene	14.542	153	439137	21.672	ng/ul	100
53) 2,4-Dinitrophenol	14.601	184	46779	13.318	ng/ul#	75
55) 4-Nitrophenol	14.701	109	94979	18.382	ng/ul	98
56) Dibenzofuran	14.877	168	641633	20.686	ng/ul	97
57) 2,4-Dinitrotoluene	14.842	165	162100	19.238	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.106	232	164523	20.769	ng/ul#	97
59) Diethylphthalate	15.300	149	508227	17.805	ng/ul	98
61) Fluorene	15.529	166	550535	20.971	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.523	204	344600	20.425	ng/ul	98
63) 4-Nitroaniline	15.547	138	106206	22.565	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.611	198	101567m	16.789	ng/ul	
67) N-Nitrosodiphenylamine	15.735	169	460070	22.234	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	236200	22.275	ng/ul	96
69) Hexachlorobenzene	16.540	284	246651	21.834	ng/ul	97
70) Atrazine	16.687	200	227884	20.132	ng/ul	96
71) Pentachlorophenol	16.886	266	110098m	19.441	ng/ul	
72) Phenanthrene	17.268	178	921091m	21.734	ng/ul	
74) Anthracene	17.362	178	936624	21.574	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.273	216	297741	24.823	ng/ul	98
76) Pentachlorobenzene	14.801	250	297788	23.281	ng/ul	96
77) Carbazole	17.633	167	773272	21.453	ng/ul	98
78) Di-n-butylphthalate	18.197	149	867433	21.157	ng/ul	98
80) Fluoranthene	19.289	202	1186490	22.706	ng/ul#	99
82) Pyrene	19.654	202	1237922	22.350	ng/ul	99
83) Butylbenzylphthalate	20.553	149	387013	23.909	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.387	252	474149	22.869	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1335023	21.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.381	149	562779	23.869	ng/ul	98
87) Chrysene	21.528	228	1247223	21.934	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	958445	23.831	ng/ul	100
90) Benzo(b)fluoranthene	23.561	252	1325108	21.580	ng/ul	98
91) Benzo(k)fluoranthene	23.620	252	1337202m	21.863	ng/ul	
93) Benzo(a)pyrene	24.378	252	1221606	21.507	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.944	276	1498733	21.511	ng/ul	97
95) Dibenzo(a,h)anthracene	28.003	278	1216664	21.420	ng/ul	98
96) Benzo(g,h,i)perylene	29.013	276	1100853	20.840	ng/ul	99

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

