

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
 Data File : BG063283.D
 Acq On : 11 Nov 2024 11:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020526

Quant Time: Nov 11 11:16:58 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 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	103218	20.000	ng/u1	0.00
20) Naphthalene-d8	10.626	136	462122	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	405025	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	960406	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.478	240	976037	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	1038224	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16332	7.155	ng/uL	0.00
4) Pyridine-d5	3.705	84	144531	19.156	ng/u1	0.00
7) Phenol-d5	7.007	99	172367	18.507	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	110550	20.236	ng/u1	0.00
11) 2-Chlorophenol-d4	7.371	132	123766	20.473	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	154323	19.548	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	69764	21.473	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	86425	20.582	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	170769	20.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	205567	19.153	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	558781	17.613	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	655081	21.096	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	75330	17.342	ng/u1	0.00
60) Fluorene-d10	15.468	176	527743	19.710	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	102009	16.900	ng/u1	0.00
73) Anthracene-d10	17.324	188	869620	21.068	ng/u1	0.00
81) Pyrene-d10	19.622	212	1052000	21.497	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	1050831	20.963	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	17892	6.367	ng/uL#	61
5) Pyridine	3.723	79	133603	17.356	ng/u1	94
6) Benzaldehyde	6.978	77	123285	23.950	ng/u1	93
8) Phenol	7.036	94	183246	18.054	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.260	93	131263	19.016	ng/u1	95
12) 2-Chlorophenol	7.401	128	130865	20.237	ng/u1	94
13) 2-Methylphenol	8.282	108	149805	20.206	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.352	45	183703	21.055	ng/u1	96
16) Acetophenone	8.652	105	231457	18.209	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.634	70	130158	17.555	ng/u1	96
18) 4-Methylphenol	8.605	108	165128	19.587	ng/u1	98
19) Hexachloroethane	8.911	117	53205	20.304	ng/u1	96
22) Nitrobenzene	9.028	77	208465	20.810	ng/u1	96
23) Isophorone	9.551	82	377107	17.836	ng/u1	99
25) 2-Nitrophenol	9.739	139	85835	20.679	ng/u1	99
26) 2,4-Dimethylphenol	9.804	107	186264	20.573	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.033	93	204038	20.019	ng/u1	95
29) 2,4-Dichlorophenol	10.274	162	165242	21.271	ng/u1#	94
30) Naphthalene	10.673	128	485942	20.551	ng/u1	98
32) 4-Chloroaniline	10.785	127	198308	19.305	ng/u1	99
33) Hexachlorobutadiene	10.961	225	142675	19.190	ng/u1	95
34) Caprolactam	11.531	113	54281m	16.812	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	177463	19.038	ng/u1	94
36) 2-Methylnaphthalene	12.289	142	372367	19.869	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	385402	19.776	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.659	216	288467	20.204	ng/ul	97
40) Hexachlorocyclopentadiene	12.641	237	93731	12.023	ng/ul	97
41) 2,4,6-Trichlorophenol	12.900	196	162408	21.073	ng/ul	98
42) 2,4,5-Trichlorophenol	12.976	196	173704	20.785	ng/ul	96
43) 1,1'-Biphenyl	13.300	154	541895	21.107	ng/ul	98
44) 2-Chloronaphthalene	13.347	162	427662	21.397	ng/ul	97
45) 2-Nitroaniline	13.552	65	133764	19.619	ng/ul	89
47) Dimethylphthalate	13.928	163	531404	17.469	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	112983	19.409	ng/ul	97
50) Acenaphthylene	14.193	152	663558	21.452	ng/ul	98
51) 3-Nitroaniline	14.375	138	109170	21.486	ng/ul#	95
52) Acenaphthene	14.539	153	469398	21.202	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	50926	13.269	ng/ul#	81
55) 4-Nitrophenol	14.698	109	90056	15.952	ng/ul	94
56) Dibenzofuran	14.874	168	685075	20.214	ng/ul	94
57) 2,4-Dinitrotoluene	14.839	165	171778	18.658	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.103	232	160784	18.576	ng/ul#	93
59) Diethylphthalate	15.297	149	535976	17.185	ng/ul	99
61) Fluorene	15.526	166	572719	19.967	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.520	204	341300	18.515	ng/ul	95
63) 4-Nitroaniline	15.544	138	107627	20.928	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.609	198	107007	17.083	ng/ul	96
67) N-Nitrosodiphenylamine	15.732	169	479365	22.374	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	232857	21.209	ng/ul	96
69) Hexachlorobenzene	16.537	284	242725	20.752	ng/ul	94
70) Atrazine	16.684	200	229399	19.572	ng/ul	97
71) Pentachlorophenol	16.884	266	99753m	17.012	ng/ul	
72) Phenanthrene	17.265	178	946374	21.567	ng/ul	98
74) Anthracene	17.359	178	979999	21.801	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.270	216	298058	23.999	ng/ul	98
76) Pentachlorobenzene	14.798	250	301508	22.766	ng/ul	95
77) Carbazole	17.630	167	796158	21.333	ng/ul	99
78) Di-n-butylphthalate	18.194	149	903321	21.278	ng/ul	98
80) Fluoranthene	19.287	202	1181862	22.344	ng/ul#	97
82) Pyrene	19.651	202	1241774	22.148	ng/ul#	97
83) Butylbenzylphthalate	20.550	149	388060	23.683	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.378	252	462556	22.040	ng/ul	97
85) Benzo(a)anthracene	21.461	228	1315780	21.312	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.378	149	564663	23.659	ng/ul	98
87) Chrysene	21.525	228	1236268	21.478	ng/ul	99
89) Di-n-octyl phthalate	22.518	149	967567	23.649	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	1325665m	21.222	ng/ul	
91) Benzo(k)fluoranthene	23.617	252	1290007	20.733	ng/ul#	99
93) Benzo(a)pyrene	24.369	252	1219337	21.103	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.935	276	1497622	21.130	ng/ul	97
95) Dibenzo(a,h)anthracene	27.988	278	1228862	21.267	ng/ul	97
96) Benzo(g,h,i)perylene	28.999	276	1129301	21.015	ng/ul#	98

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

