

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
 Data File : BG063292.D
 Acq On : 11 Nov 2024 17:00
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020527

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/14/2024

Supervised By :mohammad

ahmed

11/14/2024

Quant Time: Nov 11 17:21:22 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	95442	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	464626	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	397177	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	965959	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	974014	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	1034238	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	16112	7.633	ng/uL	-0.01
4) Pyridine-d5	3.699	84	130716	18.737	ng/u1	-0.01
7) Phenol-d5	7.007	99	173947	20.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	103619	20.512	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.372	132	119632	21.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.541	113	150862	20.667	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	64254	19.671	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	84973	20.128	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	169654	20.477	ng/u1	0.00
31) 4-Chloroaniline-d4	10.762	131	207834	19.260	ng/u1	0.00
46) Dimethylphthalate-d6	13.882	166	547260	17.591	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	646148	21.219	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	75985	17.838	ng/u1	0.00
60) Fluorene-d10	15.474	176	517100	19.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	107784	17.754	ng/u1	0.00
73) Anthracene-d10	17.325	188	872768m	21.023	ng/u1	0.00
81) Pyrene-d10	19.622	212	1052281	21.548	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.311	264	1046376	20.955	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	17897	6.888	ng/uL#	86
5) Pyridine	3.723	79	134896	18.951	ng/u1	98
6) Benzaldehyde	6.972	77	118254	24.844	ng/u1	86
8) Phenol	7.037	94	189472	20.188	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.254	93	132458	20.752	ng/u1	87
12) 2-Chlorophenol	7.401	128	134837	22.550	ng/u1	100
13) 2-Methylphenol	8.276	108	139921	20.410	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.353	45	179630	22.266	ng/u1	97
16) Acetophenone	8.652	105	230635	19.623	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.635	70	128835	18.792	ng/u1#	98
18) 4-Methylphenol	8.605	108	161000	20.653	ng/u1	99
19) Hexachloroethane	8.905	117	52622	21.717	ng/u1	87
22) Nitrobenzene	9.034	77	199028	19.761	ng/u1#	95
23) Isophorone	9.551	82	378633	17.812	ng/u1#	97
25) 2-Nitrophenol	9.739	139	85269	20.432	ng/u1#	88
26) 2,4-Dimethylphenol	9.804	107	184030	20.216	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.033	93	202274	19.739	ng/u1	99
29) 2,4-Dichlorophenol	10.274	162	160347	20.530	ng/u1#	90
30) Naphthalene	10.674	128	496301	20.876	ng/u1	98
32) 4-Chloroaniline	10.785	127	198017	19.173	ng/u1	100
33) Hexachlorobutadiene	10.962	225	144350	19.310	ng/u1	94
34) Caprolactam	11.526	113	56419m	17.380	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	181365	19.352	ng/u1	96
36) 2-Methylnaphthalene	12.289	142	376626	19.988	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	387623	19.783	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.665	216	295142	21.080	ng/ul	95
40) Hexachlorocyclopentadiene	12.642	237	142514	18.641	ng/ul	96
41) 2,4,6-Trichlorophenol	12.906	196	155307	20.550	ng/ul	95
42) 2,4,5-Trichlorophenol	12.977	196	170048	20.749	ng/ul	92
43) 1,1'-Biphenyl	13.306	154	532238	21.141	ng/ul	98
44) 2-Chloronaphthalene	13.347	162	425584	21.714	ng/ul	98
45) 2-Nitroaniline	13.553	65	131470	19.664	ng/ul	95
47) Dimethylphthalate	13.929	163	528868	17.729	ng/ul#	98
48) 2,6-Dinitrotoluene	14.046	165	108588	19.023	ng/ul	96
50) Acenaphthylene	14.193	152	634727	20.925	ng/ul#	94
51) 3-Nitroaniline	14.381	138	103383	20.749	ng/ul	94
52) Acenaphthene	14.540	153	451293	20.787	ng/ul	96
53) 2,4-Dinitrophenol	14.598	184	63010	16.742	ng/ul#	78
55) 4-Nitrophenol	14.698	109	86765	15.672	ng/ul	97
56) Dibenzofuran	14.875	168	671375	20.201	ng/ul	95
57) 2,4-Dinitrotoluene	14.845	165	168632	18.678	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.110	232	159988	18.850	ng/ul#	97
59) Diethylphthalate	15.298	149	533481	17.443	ng/ul	99
61) Fluorene	15.527	166	563410	20.030	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.521	204	347575	19.228	ng/ul	99
63) 4-Nitroaniline	15.544	138	108263	21.468	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.609	198	114367	18.153	ng/ul	97
67) N-Nitrosodiphenylamine	15.732	169	474250	22.008	ng/ul	96
68) 4-Bromophenyl-phenylether	16.414	248	237479	21.505	ng/ul	96
69) Hexachlorobenzene	16.537	284	244974	20.824	ng/ul	98
70) Atrazine	16.690	200	223289	18.941	ng/ul	95
71) Pentachlorophenol	16.884	266	94323	15.993	ng/ul	96
72) Phenanthrene	17.266	178	925590	20.972	ng/ul	99
74) Anthracene	17.360	178	968877	21.430	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.271	216	296753	23.757	ng/ul	95
76) Pentachlorobenzene	14.798	250	293947	22.067	ng/ul	95
77) Carbazole	17.630	167	784021	20.887	ng/ul	99
78) Di-n-butylphthalate	18.194	149	895374	20.970	ng/ul	97
80) Fluoranthene	19.287	202	1172646	22.215	ng/ul#	97
82) Pyrene	19.651	202	1228527	21.957	ng/ul#	94
83) Butylbenzylphthalate	20.550	149	389064	23.793	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.385	252	469248	22.405	ng/ul#	98
85) Benzo(a)anthracene	21.461	228	1321206	21.445	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.379	149	558043	23.430	ng/ul	96
87) Chrysene	21.526	228	1235317	21.506	ng/ul	98
89) Di-n-octyl phthalate	22.524	149	974242	23.904	ng/ul	100
90) Benzo(b)fluoranthene	23.559	252	1322230	21.249	ng/ul#	97
91) Benzo(k)fluoranthene	23.623	252	1281850	20.681	ng/ul#	99
93) Benzo(a)pyrene	24.381	252	1201990	20.883	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.948	276	1484389	21.024	ng/ul	98
95) Dibenzo(a,h)anthracene	27.994	278	1211376	21.045	ng/ul	98
96) Benzo(g,h,i)perylene	29.005	276	1122676	20.973	ng/ul	98

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

