

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
 Data File : BG063419.D
 Acq On : 15 Nov 2024 10:39
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020538

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024

11/18/2024

Supervised By :mohammad
ahmed

Quant Time: Nov 15 11:40:10 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	7.834	152	80629	20.000	ng/u1	0.00
20) Naphthalene-d8	10.625	136	355974	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.474	164	292844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.223	188	725760	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.483	240	770112	20.000	ng/u1	# 0.00
88) Perylene-d12	24.521	264	843177	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	14124	7.921	ng/uL	0.00
4) Pyridine-d5	3.710	84	110733	18.789	ng/u1	0.00
7) Phenol-d5	7.012	99	150911	20.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	92742	21.732	ng/u1	0.00
11) 2-Chlorophenol-d4	7.370	132	105533	22.348	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	123197	19.978	ng/u1	0.00
21) Nitrobenzene-d5	8.992	128	57534	22.990	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	66810	20.656	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.249	165	131582	20.730	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	166564	20.146	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	425282	18.540	ng/u1	0.00
49) Acenaphthylene-d8	14.162	160	478991	21.334	ng/u1	0.00
54) 4-Nitrophenol-d4	14.691	143	64769	20.623	ng/u1	0.01
60) Fluorene-d10	15.467	176	382209	19.743	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	85737	18.797	ng/u1	0.00
73) Anthracene-d10	17.323	188	668972	21.447	ng/u1	0.00
81) Pyrene-d10	19.621	212	852214	22.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.309	264	855291	21.010	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.334	88	17750	8.086	ng/uL#	89
5) Pyridine	3.728	79	121553	20.214	ng/u1	99
6) Benzaldehyde	6.977	77	98927	24.602	ng/u1	96
8) Phenol	7.035	94	161593	20.381	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.253	93	109822	20.367	ng/u1	93
12) 2-Chlorophenol	7.400	128	109920	21.760	ng/u1	96
13) 2-Methylphenol	8.281	108	114357	19.746	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.351	45	152468	22.371	ng/u1#	92
16) Acetophenone	8.651	105	189550	19.090	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.628	70	109232	18.860	ng/u1#	93
18) 4-Methylphenol	8.610	108	130325	19.790	ng/u1	98
19) Hexachloroethane	8.904	117	46354	22.645	ng/u1	85
22) Nitrobenzene	9.033	77	162088	21.005	ng/u1	99
23) Isophorone	9.550	82	299366	18.381	ng/u1	95
25) 2-Nitrophenol	9.738	139	70983	22.200	ng/u1	92
26) 2,4-Dimethylphenol	9.803	107	144144	20.668	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.032	93	163157	20.781	ng/u1#	97
29) 2,4-Dichlorophenol	10.279	162	128161	21.417	ng/u1	94
30) Naphthalene	10.672	128	386725	21.232	ng/u1	99
32) 4-Chloroaniline	10.784	127	158123	19.983	ng/u1	99
33) Hexachlorobutadiene	10.954	225	103057	17.994	ng/u1	98
34) Caprolactam	11.536	113	43962m	17.676	ng/u1	
35) 4-Chloro-3-methylphenol	11.918	107	142653	19.867	ng/u1	95
36) 2-Methylnaphthalene	12.288	142	284469	19.705	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.505	142	292668	19.495	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.658	216	209451	20.289	ng/ul#	98
40) Hexachlorocyclopentadiene	12.635	237	105432	18.704	ng/ul	96
41) 2,4,6-Trichlorophenol	12.899	196	122532	21.989	ng/ul	96
42) 2,4,5-Trichlorophenol	12.976	196	135159	22.368	ng/ul	99
43) 1,1'-Biphenyl	13.299	154	406729	21.912	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	307749	21.296	ng/ul	99
45) 2-Nitroaniline	13.551	65	108956	22.103	ng/ul	97
47) Dimethylphthalate	13.927	163	404659	18.398	ng/ul	98
48) 2,6-Dinitrotoluene	14.045	165	82521	19.606	ng/ul	89
50) Acenaphthylene	14.192	152	491071	21.957	ng/ul	97
51) 3-Nitroaniline	14.380	138	88900	24.199	ng/ul	88
52) Acenaphthene	14.533	153	346010	21.616	ng/ul	98
53) 2,4-Dinitrophenol	14.591	184	48391	17.439	ng/ul	88
55) 4-Nitrophenol	14.703	109	75782	18.565	ng/ul	97
56) Dibenzofuran	14.873	168	508793	20.764	ng/ul	100
57) 2,4-Dinitrotoluene	14.844	165	126946	19.071	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.102	232	124898	19.958	ng/ul#	89
59) Diethylphthalate	15.296	149	411468	18.247	ng/ul	97
61) Fluorene	15.525	166	431185	20.791	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.520	204	253914	19.051	ng/ul	98
63) 4-Nitroaniline	15.543	138	93546	25.158	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.608	198	90092	19.032	ng/ul#	90
67) N-Nitrosodiphenylamine	15.731	169	370364	22.875	ng/ul	95
68) 4-Bromophenyl-phenylether	16.413	248	176608	21.286	ng/ul	97
69) Hexachlorobenzene	16.536	284	177512	20.083	ng/ul	97
70) Atrazine	16.689	200	179856	20.307	ng/ul	97
71) Pentachlorophenol	16.883	266	81088	18.299	ng/ul	96
72) Phenanthrene	17.265	178	741454	22.360	ng/ul	98
74) Anthracene	17.359	178	750327	22.088	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.269	216	210167	22.394	ng/ul	98
76) Pentachlorobenzene	14.797	250	213642	21.347	ng/ul	98
77) Carbazole	17.629	167	639195	22.664	ng/ul	99
78) Di-n-butylphthalate	18.193	149	748814	23.342	ng/ul	98
80) Fluoranthene	19.286	202	951218	22.792	ng/ul#	96
82) Pyrene	19.650	202	1007211	22.768	ng/ul#	96
83) Butylbenzylphthalate	20.549	149	333363	25.785	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.383	252	374550	22.618	ng/ul#	99
85) Benzo(a)anthracene	21.460	228	1079757	22.166	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	483078	25.652	ng/ul	97
87) Chrysene	21.524	228	1009135	22.220	ng/ul	98
89) Di-n-octyl phthalate	22.523	149	823398	24.781	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1103805	21.758	ng/ul#	98
91) Benzo(k)fluoranthene	23.616	252	1048751	20.755	ng/ul#	98
93) Benzo(a)pyrene	24.374	252	979682	20.877	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.946	276	1258237	21.859	ng/ul	97
95) Dibenzo(a,h)anthracene	27.993	278	1009245	21.506	ng/ul#	97
96) Benzo(g,h,i)perylene	29.010	276	942088	21.587	ng/ul	96

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

