

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062407.D
 Acq On : 15 Aug 2024 9:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020456

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 10:54:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 14 15:31:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	38024	20.000	ng/ul	0.00
20) Naphthalene-d8	10.748	136	184440	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.578	164	146666	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	360463	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	388448	20.000	ng/ul	0.00
88) Perylene-d12	24.653	264	439800	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	7536	7.525	ng/uL	0.00
4) Pyridine-d5	3.822	84	55981	18.344	ng/ul	0.00
7) Phenol-d5	7.112	99	70942	18.755	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.282	67	44565	18.703	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	52623	20.365	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	57488	18.131	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	24696	20.879	ng/ul	0.00
24) 2-Nitrophenol-d4	9.826	143	25968	22.070	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	59256	19.772	ng/ul	0.00
31) 4-Chloroaniline-d4	10.877	131	89089	18.745	ng/ul	0.00
46) Dimethylphthalate-d6	13.985	166	221511	19.416	ng/ul	0.00
49) Acenaphthylene-d8	14.273	160	239388	18.951	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	38108	20.939	ng/ul	0.00
60) Fluorene-d10	15.571	176	199225	19.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	31174	19.034	ng/ul	0.00
73) Anthracene-d10	17.416	188	335437	19.371	ng/ul	0.00
81) Pyrene-d10	19.701	212	435237	19.132	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.441	264	445691	19.096	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	8741	8.176	ng/uL	95
5) Pyridine	3.840	79	59195	18.435	ng/ul	90
6) Benzaldehyde	7.094	77	45311	23.107	ng/ul	97
8) Phenol	7.135	94	76145	19.184	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.376	93	56260	19.156	ng/ul	98
12) 2-Chlorophenol	7.517	128	55332	20.702	ng/ul	95
13) 2-Methylphenol	8.387	108	55609	18.618	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	114550	18.896	ng/ul	99
16) Acetophenone	8.768	105	98793	19.021	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.757	70	52412	19.122	ng/ul#	94
18) 4-Methylphenol	8.716	108	63224	18.480	ng/ul	91
19) Hexachloroethane	9.039	117	21591	20.302	ng/ul	97
22) Nitrobenzene	9.150	77	68843	20.605	ng/ul	96
23) Isophorone	9.673	82	149886	18.996	ng/ul	98
25) 2-Nitrophenol	9.861	139	30611	23.287	ng/ul	94
26) 2,4-Dimethylphenol	9.920	107	71131	19.842	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.155	93	81546	18.580	ng/ul	100
29) 2,4-Dichlorophenol	10.390	162	59171	19.227	ng/ul	93
30) Naphthalene	10.801	128	204967	19.161	ng/ul	100
32) 4-Chloroaniline	10.901	127	87124	18.856	ng/ul	100
33) Hexachlorobutadiene	11.095	225	43810	18.727	ng/ul	99
34) Caprolactam	11.647	113	23280m	18.755	ng/ul	
35) 4-Chloro-3-methylphenol	12.023	107	73143	20.311	ng/ul	99
36) 2-Methylnaphthalene	12.405	142	144428	19.119	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	149197	19.357	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.769	216	92528	18.892	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	45739	18.219	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	55584	19.729	ng/ul	97
42) 2,4,5-Trichlorophenol	13.080	196	60107	20.320	ng/ul	97
43) 1,1'-Biphenyl	13.415	154	208891	18.800	ng/ul	97
44) 2-Chloronaphthalene	13.456	162	163041	18.962	ng/ul	98
45) 2-Nitroaniline	13.650	65	49080	22.039	ng/ul	93
47) Dimethylphthalate	14.032	163	223046	19.284	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	36749	22.246	ng/ul	95
50) Acenaphthylene	14.296	152	256853	18.992	ng/ul	97
51) 3-Nitroaniline	14.472	138	40544	21.541	ng/ul	96
52) Acenaphthene	14.643	153	191668	18.937	ng/ul	98
53) 2,4-Dinitrophenol	14.678	184	17767	17.051	ng/ul	86
55) 4-Nitrophenol	14.772	109	33149	21.220	ng/ul	99
56) Dibenzofuran	14.978	168	275643	19.359	ng/ul	98
57) 2,4-Dinitrotoluene	14.931	165	58304	23.186	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.201	232	59937	21.075	ng/ul	98
59) Diethylphthalate	15.395	149	231015	20.014	ng/ul	97
61) Fluorene	15.624	166	215393	19.193	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.618	204	110502	19.161	ng/ul	99
63) 4-Nitroaniline	15.630	138	44879	22.812	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.694	198	35387	19.176	ng/ul#	98
67) N-Nitrosodiphenylamine	15.829	169	197998	18.948	ng/ul	97
68) 4-Bromophenyl-phenylether	16.511	248	76750	18.972	ng/ul	95
69) Hexachlorobenzene	16.628	284	88465	18.770	ng/ul	97
70) Atrazine	16.775	200	87296	20.035	ng/ul	99
71) Pentachlorophenol	16.969	266	51493	18.722	ng/ul	99
72) Phenanthrene	17.357	178	391302	19.319	ng/ul	98
74) Anthracene	17.451	178	398081	19.186	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	93452	18.136	ng/ul	98
76) Pentachlorobenzene	14.895	250	98948	18.306	ng/ul	96
77) Carbazole	17.715	167	351132	20.147	ng/ul	98
78) Di-n-butylphthalate	18.285	149	424849	20.377	ng/ul	99
80) Fluoranthene	19.366	202	484105	19.048	ng/ul	100
82) Pyrene	19.730	202	530710	19.374	ng/ul	98
83) Butylbenzylphthalate	20.623	149	185715	20.127	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	176716	20.844	ng/ul	97
85) Benzo(a)anthracene	21.539	228	542476	19.240	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	272475	20.212	ng/ul	100
87) Chrysene	21.604	228	513867	19.225	ng/ul	99
89) Di-n-octyl phthalate	22.644	149	464367	19.798	ng/ul	100
90) Benzo(b)fluoranthene	23.672	252	511873	19.266	ng/ul	99
91) Benzo(k)fluoranthene	23.742	252	509578	19.002	ng/ul	98
93) Benzo(a)pyrene	24.506	252	475453	18.983	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.142	276	617385	19.393	ng/ul	98
95) Dibenzo(a,h)anthracene	28.207	278	499928	19.374	ng/ul	97
96) Benzo(g,h,i)perylene	29.229	276	474493	19.380	ng/ul	97

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

