

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062444.D
 Acq On : 16 Aug 2024 14:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020459

Manual Integrations

APPROVED

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

Quant Time: Aug 16 16:44:39 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	7.959	152	51577	20.000	ng/u1	0.00
20) Naphthalene-d8	10.755	136	244287	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.579	164	197619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	437541	20.000	ng/u1	0.00
79) Chrysene-d12	21.558	240	435475	20.000	ng/u1	0.00
88) Perylene-d12	24.648	264	506998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	11645	8.572	ng/uL	0.00
4) Pyridine-d5	3.823	84	91278	22.050	ng/u1	0.00
7) Phenol-d5	7.113	99	102379	19.953	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	61075	18.897	ng/u1	0.00
11) 2-Chlorophenol-d4	7.489	132	76236	21.751	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	83580	19.433	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	38727	24.720	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	42810	27.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	87714	22.098	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	117739	18.704	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	282944	18.407	ng/u1	0.00
49) Acenaphthylene-d8	14.268	160	322968	18.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	47219	19.256	ng/u1	0.00
60) Fluorene-d10	15.566	176	260309	18.776	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	45983	23.130	ng/u1	0.00
73) Anthracene-d10	17.416	188	403050	19.176	ng/u1	0.00
81) Pyrene-d10	19.696	212	496867	19.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.436	264	517322	19.227	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.453	88	13113	9.043	ng/uL	90
5) Pyridine	3.841	79	95746	21.982	ng/u1	87
6) Benzaldehyde	7.095	77	63979	24.053	ng/u1	98
8) Phenol	7.142	94	107175	19.906	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.377	93	74207	18.627	ng/u1	98
12) 2-Chlorophenol	7.518	128	76809	21.186	ng/u1	98
13) 2-Methylphenol	8.393	108	79045	19.510	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.476	45	154675	18.810	ng/u1	97
16) Acetophenone	8.775	105	131419	18.654	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	68527	18.432	ng/u1	97
18) 4-Methylphenol	8.716	108	90321	19.463	ng/u1	96
19) Hexachloroethane	9.039	117	30911	21.428	ng/u1	99
22) Nitrobenzene	9.151	77	100019	22.602	ng/u1	98
23) Isophorone	9.674	82	189998	18.181	ng/u1	99
25) 2-Nitrophenol	9.862	139	46948	26.965	ng/u1	95
26) 2,4-Dimethylphenol	9.921	107	97862	20.611	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.156	93	112439	19.343	ng/u1	99
29) 2,4-Dichlorophenol	10.396	162	87843	21.550	ng/u1	97
30) Naphthalene	10.802	128	274583	19.380	ng/u1	99
32) 4-Chloroaniline	10.902	127	115181	18.821	ng/u1	99
33) Hexachlorobutadiene	11.090	225	63400	20.462	ng/u1	98
34) Caprolactam	11.654	113	29561m	17.981	ng/u1	
35) 4-Chloro-3-methylphenol	12.024	107	101047	21.186	ng/u1	99
36) 2-Methylnaphthalene	12.405	142	204168	20.406	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	205729	20.153	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.776	216	129339	19.599	ng/ul	98
40) Hexachlorocyclopentadiene	12.758	237	49292	14.572	ng/ul	100
41) 2,4,6-Trichlorophenol	13.011	196	81735	21.531	ng/ul	94
42) 2,4,5-Trichlorophenol	13.081	196	87238	21.888	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	285479	19.068	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	226017	19.509	ng/ul	99
45) 2-Nitroaniline	13.651	65	72018	24.001	ng/ul	95
47) Dimethylphthalate	14.033	163	284592	18.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	54132	24.320	ng/ul#	90
50) Acenaphthylene	14.297	152	349006	19.152	ng/ul	98
51) 3-Nitroaniline	14.473	138	54462	21.475	ng/ul	98
52) Acenaphthene	14.644	153	257081	18.851	ng/ul	96
53) 2,4-Dinitrophenol	14.679	184	30233	21.534	ng/ul	94
55) 4-Nitrophenol	14.773	109	40870	19.417	ng/ul	94
56) Dibenzofuran	14.973	168	362090	18.874	ng/ul	98
57) 2,4-Dinitrotoluene	14.931	165	79356	23.421	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.196	232	80740	21.070	ng/ul#	96
59) Diethylphthalate	15.396	149	282471	18.162	ng/ul	99
61) Fluorene	15.625	166	282077	18.655	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.619	204	146414	18.843	ng/ul	97
63) 4-Nitroaniline	15.631	138	54318	20.491	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.695	198	49157	21.945	ng/ul#	97
67) N-Nitrosodiphenylamine	15.830	169	251278	19.811	ng/ul	99
68) 4-Bromophenyl-phenylether	16.512	248	99681	20.300	ng/ul	98
69) Hexachlorobenzene	16.623	284	112113	19.597	ng/ul	98
70) Atrazine	16.776	200	99774	18.865	ng/ul	98
71) Pentachlorophenol	16.964	266	69711	20.881	ng/ul	98
72) Phenanthrene	17.358	178	463876	18.868	ng/ul	100
74) Anthracene	17.452	178	484304	19.230	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	129052	20.633	ng/ul	98
76) Pentachlorobenzene	14.896	250	132906	20.257	ng/ul	95
77) Carbazole	17.716	167	403127	19.055	ng/ul	98
78) Di-n-butylphthalate	18.286	149	497001	19.638	ng/ul	99
80) Fluoranthene	19.367	202	559050	19.622	ng/ul	100
82) Pyrene	19.725	202	591844	19.273	ng/ul	99
83) Butylbenzylphthalate	20.624	149	221066	21.371	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.458	252	210751	22.174	ng/ul	96
85) Benzo(a)anthracene	21.540	228	617500	19.536	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.464	149	328802	21.756	ng/ul	99
87) Chrysene	21.605	228	578818	19.316	ng/ul	98
89) Di-n-octyl phthalate	22.639	149	562082	20.788	ng/ul	100
90) Benzo(b)fluoranthene	23.673	252	578729	18.896	ng/ul	98
91) Benzo(k)fluoranthene	23.737	252	594115	19.218	ng/ul	99
93) Benzo(a)pyrene	24.507	252	547865	18.974	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.137	276	703519	19.170	ng/ul	98
95) Dibenzo(a,h)anthracene	28.196	278	566056	19.029	ng/ul	100
96) Benzo(g,h,i)perylene	29.224	276	523667	18.554	ng/ul	98

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

