

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
 Data File : BG060534.D
 Acq On : 1 Feb 2024 14:41
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020486

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 15:24:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 31 22:04:13 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	126989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.738	136	598092	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	481577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.324	188	1237439	20.000	ng/u1	0.00
79) Chrysene-d12	21.584	240	1174702	20.000	ng/u1	0.00
88) Perylene-d12	24.756	264	1295580	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	23813	9.397	ng/uL	0.00
4) Pyridine-d5	3.775	84	193188	24.099	ng/u1	0.00
7) Phenol-d5	7.095	99	226107	18.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	134303	17.721	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	147922	18.367	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	185407	18.663	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	83316m	18.884	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	97665	18.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	214581	20.017	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	253445	18.022	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	712209	18.073	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	809037	18.303	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	96234	17.050	ng/u1	0.00
60) Fluorene-d10	15.567	176	654616	18.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	122373	15.971	ng/u1	0.00
73) Anthracene-d10	17.418	188	1098520	18.727	ng/u1	0.00
81) Pyrene-d10	19.709	212	1304505	18.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1251156	18.409	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	29931	10.675	ng/uL	95
5) Pyridine	3.793	79	201303	24.699	ng/u1	95
6) Benzaldehyde	7.071	77	115575	25.211	ng/u1	93
8) Phenol	7.118	94	227252	18.026	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.347	93	178013	17.728	ng/u1	99
12) 2-Chlorophenol	7.494	128	157024	18.901	ng/u1	97
13) 2-Methylphenol	8.376	108	173042	17.762	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.452	45	256246	19.337	ng/u1	96
16) Acetophenone	8.752	105	296880	18.752	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.734	70	157549	18.455	ng/u1#	93
18) 4-Methylphenol	8.705	108	199363	19.032	ng/u1	96
19) Hexachloroethane	9.010	117	69453	18.909	ng/u1	94
22) Nitrobenzene	9.134	77	224720	18.620	ng/u1	95
23) Isophorone	9.651	82	471786	18.031	ng/u1	97
25) 2-Nitrophenol	9.850	139	103039	19.664	ng/u1	94
26) 2,4-Dimethylphenol	9.909	107	207378	19.179	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.138	93	276439	18.559	ng/u1	99
29) 2,4-Dichlorophenol	10.385	162	199834	19.393	ng/u1	97
30) Naphthalene	10.785	128	590949	18.311	ng/u1	97
32) 4-Chloroaniline	10.896	127	240526	17.433	ng/u1	97
33) Hexachlorobutadiene	11.067	225	162557	18.998	ng/u1	95
34) Caprolactam	11.648	113	61792	18.013	ng/u1	97
35) 4-Chloro-3-methylphenol	12.024	107	215048	20.815	ng/u1	99
36) 2-Methylnaphthalene	12.394	142	448426	19.766	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	451181	19.677	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.765	216	336192	19.181	ng/ul	96
40) Hexachlorocyclopentadiene	12.741	237	144484	13.632	ng/ul	97
41) 2,4,6-Trichlorophenol	13.006	196	202547	18.958	ng/ul	94
42) 2,4,5-Trichlorophenol	13.082	196	218714	19.373	ng/ul	98
43) 1,1'-Biphenyl	13.405	154	665659	18.659	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	557267	18.502	ng/ul	98
45) 2-Nitroaniline	13.652	65	148836	19.633	ng/ul	88
47) Dimethylphthalate	14.022	163	709616	18.040	ng/ul#	98
48) 2,6-Dinitrotoluene	14.145	165	146659	19.770	ng/ul	99
50) Acenaphthylene	14.292	152	907147	18.602	ng/ul	97
51) 3-Nitroaniline	14.480	138	123148	19.749	ng/ul	96
52) Acenaphthene	14.633	153	601139	18.480	ng/ul	98
53) 2,4-Dinitrophenol	14.686	184	45392	11.211	ng/ul	92
55) 4-Nitrophenol	14.792	109	62256	16.201	ng/ul	93
56) Dibenzofuran	14.968	168	850989	18.530	ng/ul	95
57) 2,4-Dinitrotoluene	14.933	165	207488	19.087	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.197	232	195543	18.637	ng/ul#	97
59) Diethylphthalate	15.385	149	682099	18.035	ng/ul	99
61) Fluorene	15.620	166	724812	19.238	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.608	204	409854	19.708	ng/ul	96
63) 4-Nitroaniline	15.644	138	115375	18.886	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.696	198	125323	15.636	ng/ul#	92
67) N-Nitrosodiphenylamine	15.826	169	618292	18.422	ng/ul	97
68) 4-Bromophenyl-phenylether	16.507	248	275319	19.151	ng/ul	99
69) Hexachlorobenzene	16.625	284	316508	18.980	ng/ul	98
70) Atrazine	16.772	200	255071	18.486	ng/ul	97
71) Pentachlorophenol	16.971	266	128103	13.948	ng/ul	96
72) Phenanthrene	17.365	178	1225886	18.842	ng/ul	99
74) Anthracene	17.453	178	1252830	18.897	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.370	216	335057	18.670	ng/uL	96
76) Pentachlorobenzene	14.892	250	355514	18.858	ng/uL	97
77) Carbazole	17.724	167	1047585	19.132	ng/ul	98
78) Di-n-butylphthalate	18.282	149	1199462	18.581	ng/ul	99
80) Fluoranthene	19.375	202	1467499	18.678	ng/ul	99
82) Pyrene	19.739	202	1529478	18.705	ng/ul	97
83) Butylbenzylphthalate	20.626	149	506267	17.370	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.484	252	517707	19.102	ng/ul	98
85) Benzo(a)anthracene	21.566	228	1554996	19.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.466	149	728444	16.745	ng/ul	100
87) Chrysene	21.631	228	1417300	18.627	ng/ul	100
89) Di-n-octyl phthalate	22.659	149	1262767	18.264	ng/ul	100
90) Benzo(b)fluoranthene	23.746	252	1494467	18.589	ng/ul	100
91) Benzo(k)fluoranthene	23.816	252	1452253	17.689	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1413225	18.272	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.376	276	1731423m	18.262	ng/ul	
95) Dibenzo(a,h)anthracene	28.429	278	1446309	18.698	ng/ul	97
96) Benzo(g,h,i)perylene	29.504	276	1380909	17.989	ng/ul	96

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

