

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052224\
 Data File : BG061257.D
 Acq On : 22 May 2024 9:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020491

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024

05/24/2024

Supervised By :mohammad
ahmed

05/24/2024

Quant Time: May 22 09:53:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	20950	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	86159	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.521	164	76122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	190147	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.524	240	197298	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	220445	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3456	9.232	ng/uL	0.00
4) Pyridine-d5	3.739	84	27754	20.839	ng/u1	0.00
7) Phenol-d5	7.065	99	30016	17.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	20262	18.737	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	23154	18.185	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	29662	20.220	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	14494	21.849	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	17008	21.907	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	30212	19.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	39432	19.914	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	114820	19.448	ng/u1	0.00
49) Acenaphthylene-d8	14.215	160	122043	19.884	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	13666	18.723	ng/u1	0.00
60) Fluorene-d10	15.514	176	98691	19.362	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	21456	18.657	ng/u1	0.00
73) Anthracene-d10	17.371	188	169688	20.242	ng/u1	0.00
81) Pyrene-d10	19.662	212	203619	20.100	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	210026	19.817	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.369	88	4018	8.942	ng/uL 86
5) Pyridine	3.763	79	27525	20.896	ng/u1 84
6) Benzaldehyde	7.024	77	18958	21.074	ng/u1 90
8) Phenol	7.088	94	31187	17.791	ng/u1 99
10) Bis(2-Chloroethyl)ether	7.306	93	24299	18.951	ng/u1 88
12) 2-Chlorophenol	7.453	128	24858	18.474	ng/u1 95
13) 2-Methylphenol	8.334	108	27204	20.025	ng/u1 99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	72506	20.939	ng/u1 98
16) Acetophenone	8.704	105	50057	19.994	ng/u1 95
17) N-Nitroso-di-n-propyla...	8.687	70	27839	20.223	ng/u1# 91
18) 4-Methylphenol	8.663	108	31690	21.054	ng/u1 91
19) Hexachloroethane	8.963	117	12315	20.569	ng/u1 85
22) Nitrobenzene	9.086	77	40274	22.135	ng/u1 98
23) Isophorone	9.603	82	78573	21.230	ng/u1 98
25) 2-Nitrophenol	9.791	139	17823	21.151	ng/u1 96
26) 2,4-Dimethylphenol	9.862	107	34586	20.714	ng/u1 92
27) Bis(2-Chloroethoxy)met...	10.085	93	39049	21.048	ng/u1 97
29) 2,4-Dichlorophenol	10.338	162	28292	20.295	ng/u1 90
30) Naphthalene	10.731	128	89213	19.617	ng/u1 99
32) 4-Chloroaniline	10.837	127	39225	19.934	ng/u1 100
33) Hexachlorobutadiene	11.013	225	27243	19.993	ng/u1 90
34) Caprolactam	11.595	113	11010m	20.644	ng/u1
35) 4-Chloro-3-methylphenol	11.983	107	34932	19.384	ng/u1 96
36) 2-Methylnaphthalene	12.341	142	65143	19.753	ng/u1 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.564	142	66617	19.683	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.711	216	49304	19.618	ng/ul	98
40) Hexachlorocyclopentadiene	12.688	237	14871	13.109	ng/ul	94
41) 2,4,6-Trichlorophenol	12.958	196	28169	19.899	ng/ul	91
42) 2,4,5-Trichlorophenol	13.040	196	28512	19.126	ng/ul#	95
43) 1,1'-Biphenyl	13.352	154	96811	19.668	ng/ul	98
44) 2-Chloronaphthalene	13.399	162	77141	19.914	ng/ul	98
45) 2-Nitroaniline	13.598	65	32257	20.177	ng/ul	99
47) Dimethylphthalate	13.975	163	119944	19.492	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	25064	20.771	ng/ul	96
50) Acenaphthylene	14.245	152	134456	19.755	ng/ul	98
51) 3-Nitroaniline	14.433	138	21413	20.447	ng/ul#	95
52) Acenaphthene	14.586	153	89536	20.054	ng/ul	95
53) 2,4-Dinitrophenol	14.656	184	11367m	17.764	ng/ul	
55) 4-Nitrophenol	14.762	109	15583	18.158	ng/ul	91
56) Dibenzofuran	14.920	168	125190	19.611	ng/ul	97
57) 2,4-Dinitrotoluene	14.891	165	36510	19.886	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.161	232	26552	19.529	ng/ul#	94
59) Diethylphthalate	15.344	149	116256	19.132	ng/ul	98
61) Fluorene	15.573	166	106553	19.291	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.567	204	61780	19.072	ng/ul	99
63) 4-Nitroaniline	15.590	138	22331	20.473	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.667	198	22797	18.915	ng/ul	91
67) N-Nitrosodiphenylamine	15.778	169	96545	20.201	ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	44561	19.779	ng/ul	96
69) Hexachlorobenzene	16.583	284	50295	20.084	ng/ul	99
70) Atrazine	16.730	200	37973	20.077	ng/ul	96
71) Pentachlorophenol	16.936	266	14429m	16.555	ng/ul	
72) Phenanthrene	17.312	178	187360	20.301	ng/ul	98
74) Anthracene	17.406	178	193069	20.233	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	50702	20.172	ng/uL	93
76) Pentachlorobenzene	14.844	250	55818	20.086	ng/uL	93
77) Carbazole	17.676	167	159764	20.584	ng/ul	99
78) Di-n-butylphthalate	18.234	149	197013	20.258	ng/ul	100
80) Fluoranthene	19.327	202	244448	20.115	ng/ul	99
82) Pyrene	19.691	202	257889	20.444	ng/ul	99
83) Butylbenzylphthalate	20.579	149	87909	20.286	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.419	252	88792	21.202	ng/ul	97
85) Benzo(a)anthracene	21.501	228	268987	19.759	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	127409	19.863	ng/ul#	97
87) Chrysene	21.566	228	248861	19.853	ng/ul	98
89) Di-n-octyl phthalate	22.582	149	220041	19.952	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	264581	20.158	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	260354	19.540	ng/ul	96
93) Benzo(a)pyrene	24.462	252	248451	19.935	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.105	276	297334	19.728	ng/ul	99
95) Dibenzo(a,h)anthracene	28.158	278	246953	19.871	ng/ul	97
96) Benzo(g,h,i)perylene	29.192	276	236721m	19.743	ng/ul	

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

