Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056090.D
Acq On : 24 Dec 2022 15:05
Operator : CG/JU
Sample : SSTD01042
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010443

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 21:48:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 18:26:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.344	152	27255	20.000 ng/ul	0.00
20) Naphthalene-d8	11.182	136	98892	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.954	164	94197	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.692	188	275852	20.000 ng/ul	# 0.00
79) Chrysene-d12	21.993	240	313003	20.000 ng/ul	# 0.00
88) Perylene-d12	25.465	264	348622	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.649	96	2807m	4.311 ng/uL	0.00
4) Pyridine-d5	4.090	84	21593	10.171 ng/ul	0.00
7) Phenol-d5	7.474	99	24368	9.856 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.651	67	9819	10.077 ng/ul	0.00
11) 2-Chlorophenol-d4	7.868	132	13745	9.407 ng/ul	0.00
15) 4-Methylphenol-d8	9.031	113	17352	9.326 ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	7623	10.583 ng/ul	0.00
24) 2-Nitrophenol-d4	10.247	143	9540	10.138 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.788	165	21496	10.279 ng/ul	0.00
31) 4-Chloroaniline-d4	11.299	131	24151	10.210 ng/ul	0.00
46) Dimethylphthalate-d6	14.343	166	74657	10.240 ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	85738	10.414 ng/ul	0.00
54) 4-Nitrophenol-d4	15.112	143	10653	9.707 ng/ul	0.00
60) Fluorene-d10	15.935	176	75829	10.537 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	17420	9.824 ng/ul	0.00
73) Anthracene-d10	17.792	188	133163	10.446 ng/ul	0.00
81) Pyrene-d10	20.054	212	177789	10.285 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.224	264	181839	10.262 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.690	88	3566m	5.090 ng/uL	
5) Pyridine	4.114	79	20341m	9.940 ng/ul	
6) Benzaldehyde	7.474	77	9829	10.829 ng/ul#	87
8) Phenol	7.498	94	23574	9.581 ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.750	93	16196	10.000 ng/ul	96
12) 2-Chlorophenol	7.909	128	14564	9.923 ng/ul	97
13) 2-Methylphenol	8.773	108	17421	9.430 ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.879	45	1872m	8.999 ng/ul	
16) Acetophenone	9.172	105	30411	9.867 ng/ul#	91
17) N-Nitroso-di-n-propyla...	9.149	70	12664	9.718 ng/ul#	96
18) 4-Methylphenol	9.102	108	18649	9.319 ng/ul	95
19) Hexachloroethane	9.448	117	6053	10.258 ng/ul#	82
22) Nitrobenzene	9.560	77	18068	10.109 ng/ul#	93
23) Isophorone	10.083	82	41988	10.275 ng/ul	96
25) 2-Nitrophenol	10.283	139	9151	10.074 ng/ul#	91
26) 2,4-Dimethylphenol	10.324	107	22171	10.314 ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.559	93	22173	10.470 ng/ul#	90
29) 2,4-Dichlorophenol	10.817	162	19576	9.801 ng/ul	98
30) Naphthalene	11.229	128	53637	10.409 ng/ul	97
32) 4-Chloroaniline	11.323	127	24505	10.281 ng/ul	100
33) Hexachlorobutadiene	11.511	225	20386	10.892 ng/ul	97
34) Caprolactam	12.069	113	7067m	11.699 ng/ul	
35) 4-Chloro-3-methylphenol	12.410	107	20038	10.443 ng/ul	93
36) 2-Methylnaphthalene	12.809	142	44116	10.679 ng/ul	99

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37)	1-Methylnaphthalene	13.027	142	44584	10.713 ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.168	216	41270	10.623 ng/ul	94
40)	Hexachlorocyclopentadiene	13.144	237	23973	9.517 ng/ul	93
41)	2,4,6-Trichlorophenol	13.391	196	23029	10.058 ng/ul	96
42)	2,4,5-Trichlorophenol	13.467	196	25263	10.176 ng/ul	94
43)	1,1'-Biphenyl	13.796	154	70157	10.535 ng/ul	98
44)	2-Chloronaphthalene	13.843	162	56782	10.287 ng/ul	97
45)	2-Nitroaniline	14.031	65	6913	9.019 ng/ul	94
47)	Dimethylphthalate	14.390	163	74429	10.295 ng/ul	97
48)	2,6-Dinitrotoluene	14.513	165	14575	10.214 ng/ul#	84
50)	Acenaphthylene	14.683	152	85252	10.419 ng/ul	99
51)	3-Nitroaniline	14.842	138	11296	10.539 ng/ul	95
52)	Acenaphthene	15.018	153	61314	10.667 ng/ul	93
53)	2,4-Dinitrophenol	15.048	184	10793	9.717 ng/ul	92
55)	4-Nitrophenol	15.130	109	9269	8.682 ng/ul	89
56)	Dibenzofuran	15.347	168	95155	10.576 ng/ul	94
57)	2,4-Dinitrotoluene	15.294	165	20681	10.451 ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.565	232	24803	10.107 ng/ul#	94
59)	Diethylphthalate	15.741	149	67937	10.519 ng/ul	98
61)	Fluorene	15.994	166	78001	10.554 ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.976	204	51740	10.776 ng/ul	99
63)	4-Nitroaniline	15.994	138	8910	8.712 ng/ul	97
66)	4,6-Dinitro-2-methylph...	16.052	198	16897	9.939 ng/ul#	93
67)	N-Nitrosodiphenylamine	16.188	169	72028	10.305 ng/ul	98
68)	4-Bromophenyl-phenylether	16.869	248	35907	10.267 ng/ul	96
69)	Hexachlorobenzene	16.993	284	35051	10.355 ng/ul	97
70)	Atrazine	17.122	200	33928	10.181 ng/ul	95
71)	Pentachlorophenol	17.333	266	19509	9.066 ng/ul	94
72)	Phenanthrene	17.733	178	146254	10.444 ng/ul	96
74)	Anthracene	17.821	178	150289	10.483 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.767	216	41262	9.861 ng/uL	95
76)	Pentachlorobenzene	15.271	250	42669	10.330 ng/uL	92
77)	Carbazole	18.085	167	123394	10.528 ng/ul	99
78)	Di-n-butylphthalate	18.620	149	105717	9.872 ng/ul	97
80)	Fluoranthene	19.725	202	211643	10.412 ng/ul#	98
82)	Pyrene	20.083	202	214925	10.481 ng/ul	99
83)	Butylbenzylphthalate	20.947	149	40053	9.179 ng/ul	93
84)	3,3'-Dichlorobenzidine	21.869	252	76248	10.842 ng/ul	95
85)	Benzo(a)anthracene	21.969	228	223440	10.459 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.846	149	60721	9.083 ng/ul	97
87)	Chrysene	22.040	228	208110	10.496 ng/ul	98
89)	Di-n-octyl phthalate	23.138	149	110013	8.527 ng/ul	100
90)	Benzo(b)fluoranthene	24.349	252	234735	10.199 ng/ul	95
91)	Benzo(k)fluoranthene	24.425	252	236098	10.519 ng/ul	97
93)	Benzo(a)pyrene	25.295	252	210948	10.519 ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	29.449	276	274269	10.393 ng/ul	98
95)	Dibenzo(a,h)anthracene	29.525	278	231418	10.475 ng/ul	99
96)	Benzo(g,h,i)perylene	30.700	276	218788	10.323 ng/ul	97

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

Quantitation Report (QT Reviewed)

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