

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061278.D
 Acq On : 23 May 2024 19:32
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020494

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:31:46 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	7.887	152	29147	20.000	ng/u1	0.00
20) Naphthalene-d8	10.684	136	141874	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.520	164	123129	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.270	188	321304	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.518	240	321044	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	366231	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	3713	7.129	ng/uL	0.00
4) Pyridine-d5	3.745	84	32533	17.558	ng/u1	0.00
7) Phenol-d5	7.065	99	46174	19.291	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	29056	19.313	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	34357	19.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	40913	20.046	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	20621	18.878	ng/u1	0.00
24) 2-Nitrophenol-d4	9.767	143	23860	18.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	47026	18.869	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	62625	19.207	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	172545	18.068	ng/u1	0.00
49) Acenaphthylene-d8	14.215	160	187757	18.912	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	21585	18.282	ng/u1	0.00
60) Fluorene-d10	15.513	176	157585	19.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	33936	17.463	ng/u1	0.00
73) Anthracene-d10	17.370	188	264698	18.686	ng/u1	0.00
81) Pyrene-d10	19.656	212	313314	19.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.391	264	319029	18.120	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.375	88	3957	6.330	ng/uL	94
5) Pyridine	3.763	79	31522	17.200	ng/u1	92
6) Benzaldehyde	7.023	77	27690	22.124	ng/u1	97
8) Phenol	7.094	94	47311	19.399	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.305	93	37126	20.812	ng/u1	88
12) 2-Chlorophenol	7.458	128	35859	19.155	ng/u1	98
13) 2-Methylphenol	8.339	108	37263	19.715	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.410	45	96919	20.117	ng/u1	98
16) Acetophenone	8.704	105	69145	19.851	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.686	70	37153	19.399	ng/u1#	96
18) 4-Methylphenol	8.669	108	41923	20.020	ng/u1	94
19) Hexachloroethane	8.968	117	15039	18.055	ng/u1	93
22) Nitrobenzene	9.086	77	54018	18.030	ng/u1	99
23) Isophorone	9.609	82	109004	17.886	ng/u1	99
25) 2-Nitrophenol	9.797	139	25423	18.322	ng/u1	96
26) 2,4-Dimethylphenol	9.861	107	51710	18.807	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.090	93	58685	19.210	ng/u1#	98
29) 2,4-Dichlorophenol	10.337	162	45137	19.663	ng/u1	96
30) Naphthalene	10.731	128	141997	18.962	ng/u1	99
32) 4-Chloroaniline	10.837	127	60981	18.820	ng/u1	96
33) Hexachlorobutadiene	11.013	225	41108	18.321	ng/u1	98
34) Caprolactam	11.595	113	16285m	18.543	ng/u1	
35) 4-Chloro-3-methylphenol	11.976	107	56270	18.963	ng/u1#	86
36) 2-Methylnaphthalene	12.341	142	103293	19.021	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.558	142	103605	18.590	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.711	216	76653	18.856	ng/ul	97
40) Hexachlorocyclopentadiene	12.687	237	37483	20.428	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.958	196	43406	18.956	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	49732m	20.624	ng/ul	
43) 1,1'-Biphenyl	13.351	154	147235	18.493	ng/ul	97
44) 2-Chloronaphthalene	13.392	162	120222	19.187	ng/ul	97
45) 2-Nitroaniline	13.598	65	48257	18.661	ng/ul	97
47) Dimethylphthalate	13.974	163	177642	17.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.097	165	37427	19.175	ng/ul	95
50) Acenaphthylene	14.244	152	208938	18.978	ng/ul	98
51) 3-Nitroaniline	14.426	138	33266	19.638	ng/ul	95
52) Acenaphthene	14.585	153	138480	19.175	ng/ul	99
53) 2,4-Dinitrophenol	14.650	184	20305m	19.617	ng/ul	
55) 4-Nitrophenol	14.761	109	24410	17.585	ng/ul	92
56) Dibenzofuran	14.920	168	194379	18.824	ng/ul	98
57) 2,4-Dinitrotoluene	14.891	165	54472	18.343	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.155	232	41187	18.728	ng/ul#	98
59) Diethylphthalate	15.343	149	180548	18.369	ng/ul	99
61) Fluorene	15.572	166	168891	18.904	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.560	204	100176	19.118	ng/ul	97
63) 4-Nitroaniline	15.590	138	34145	19.354	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.660	198	36066	17.709	ng/ul	96
67) N-Nitrosodiphenylamine	15.778	169	153251	18.977	ng/ul	98
68) 4-Bromophenyl-phenylether	16.459	248	69511	18.259	ng/ul	98
69) Hexachlorobenzene	16.583	284	79851	18.870	ng/ul	96
70) Atrazine	16.730	200	59590	18.645	ng/ul	98
71) Pentachlorophenol	16.929	266	29166m	19.803	ng/ul	
72) Phenanthrene	17.311	178	292367	18.748	ng/ul	99
74) Anthracene	17.399	178	300721	18.650	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.322	216	79313	18.674	ng/uL	96
76) Pentachlorobenzene	14.844	250	86362	18.392	ng/uL	98
77) Carbazole	17.670	167	250057	19.066	ng/ul	99
78) Di-n-butylphthalate	18.234	149	309861	18.856	ng/ul	99
80) Fluoranthene	19.327	202	377252	19.077	ng/ul	99
82) Pyrene	19.685	202	389045	18.953	ng/ul	98
83) Butylbenzylphthalate	20.578	149	135717	19.247	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.418	252	139738	20.506	ng/ul	96
85) Benzo(a)anthracene	21.501	228	411211	18.563	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.412	149	196241	18.801	ng/ul	98
87) Chrysene	21.565	228	383859	18.819	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	338758	18.489	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	394398	18.087	ng/ul	99
91) Benzo(k)fluoranthene	23.692	252	401231	18.126	ng/ul	96
93) Benzo(a)pyrene	24.462	252	378882	18.299	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.099	276	454695	18.159	ng/ul	98
95) Dibenzo(a,h)anthracene	28.157	278	382442	18.524	ng/ul	96
96) Benzo(g,h,i)perylene	29.192	276	364983	18.323	ng/ul	99

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

