

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
 Data File : BG063721.D
 Acq On : 18 Dec 2024 11:34
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020571

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024

Supervised By :mohammad

ahmed

12/21/2024

Quant Time: Dec 18 22:28:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	117135	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.590	136	478408	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	368933	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.200	188	959699	20.000	ng/u1	0.00
79) Chrysene-d12	21.442	240	985871	20.000	ng/u1	-0.02
88) Perylene-d12	24.462	264	1029381	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	22008	7.363	ng/uL	-0.02
4) Pyridine-d5	3.669	84	172497	18.294	ng/u1	-0.02
7) Phenol-d5	6.989	99	199724	18.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	134703	18.079	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.341	132	133022	19.046	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	158137	18.881	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	74569	21.830	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.680	143	85331	22.285	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.226	165	158454	21.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.731	131	211200	22.437	ng/u1	-0.01
46) Dimethylphthalate-d6	13.851	166	541335	21.564	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	614331	21.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	82595m	23.221	ng/u1	0.00
60) Fluorene-d10	15.444	176	481141	21.677	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	97743	19.616	ng/u1	0.00
73) Anthracene-d10	17.294	188	903794	21.904	ng/u1	-0.01
81) Pyrene-d10	19.592	212	1078669	21.026	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.251	264	1009475	20.883	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.293	88	24121	6.819	ng/uL	98
5) Pyridine	3.687	79	187602	18.575	ng/u1	90
6) Benzaldehyde	6.942	77	141875	21.440	ng/u1	89
8) Phenol	7.012	94	211251	18.374	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.224	93	160533	18.249	ng/u1	97
12) 2-Chlorophenol	7.371	128	140312	19.847	ng/u1	95
13) 2-Methylphenol	8.258	108	158148	19.031	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.317	45	243724	18.663	ng/u1	99
16) Acetophenone	8.616	105	273405	19.245	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.599	70	156447	18.456	ng/u1	91
18) 4-Methylphenol	8.587	108	171782	18.888	ng/u1	99
19) Hexachloroethane	8.869	117	64198	18.481	ng/u1	95
22) Nitrobenzene	8.998	77	224730	19.701	ng/u1	98
23) Isophorone	9.521	82	427524	19.836	ng/u1	97
25) 2-Nitrophenol	9.709	139	90961	23.115	ng/u1#	83
26) 2,4-Dimethylphenol	9.780	107	190857	21.374	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.003	93	233359	20.018	ng/u1	98
29) 2,4-Dichlorophenol	10.250	162	150362	20.413	ng/u1	96
30) Naphthalene	10.643	128	486299	20.331	ng/u1	99
32) 4-Chloroaniline	10.755	127	192461	21.490	ng/u1	99
33) Hexachlorobutadiene	10.925	225	111220	18.585	ng/u1	96
34) Caprolactam	11.507	113	63041m	24.758	ng/u1	
35) 4-Chloro-3-methylphenol	11.901	107	187718	21.707	ng/u1	96
36) 2-Methylnaphthalene	12.259	142	359771	20.928	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.476	142	366185	20.912	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.635	216	211253	17.887	ng/ul	96
40) Hexachlorocyclopentadiene	12.606	237	93405	20.006	ng/ul	98
41) 2,4,6-Trichlorophenol	12.882	196	133844	20.051	ng/ul	97
42) 2,4,5-Trichlorophenol	12.964	196	147508	21.174	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	498691	20.497	ng/ul	97
44) 2-Chloronaphthalene	13.317	162	391696	20.048	ng/ul	98
45) 2-Nitroaniline	13.528	65	144739	22.116	ng/ul	91
47) Dimethylphthalate	13.898	163	535881	21.299	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	105175	22.509	ng/ul	95
50) Acenaphthylene	14.163	152	641414	20.903	ng/ul	97
51) 3-Nitroaniline	14.357	138	107927	24.982	ng/ul	98
52) Acenaphthene	14.509	153	446826	20.545	ng/ul	96
53) 2,4-Dinitrophenol	14.580	184	46080m	19.297	ng/ul	
55) 4-Nitrophenol	14.697	109	71903	19.468	ng/ul	84
56) Dibenzofuran	14.844	168	641041	20.906	ng/ul	96
57) 2,4-Dinitrotoluene	14.821	165	164851	23.743	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.085	232	132386	22.046	ng/ul#	92
59) Diethylphthalate	15.267	149	542348	22.298	ng/ul	97
61) Fluorene	15.496	166	539165	22.021	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.491	204	291648	21.381	ng/ul	94
63) 4-Nitroaniline	15.520	138	116031	26.828	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.590	198	104966	20.448	ng/ul	98
67) N-Nitrosodiphenylamine	15.708	169	483723	20.815	ng/ul	97
68) 4-Bromophenyl-phenylether	16.384	248	195458	19.984	ng/ul	96
69) Hexachlorobenzene	16.507	284	216883	19.792	ng/ul	95
70) Atrazine	16.660	200	219232	22.317	ng/ul	97
71) Pentachlorophenol	16.860	266	78334m	16.955	ng/ul	
72) Phenanthrene	17.241	178	1008949	21.816	ng/ul	99
74) Anthracene	17.330	178	1030200	22.009	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	215285	16.813	ng/ul	98
76) Pentachlorobenzene	14.774	250	227053	17.899	ng/ul	98
77) Carbazole	17.606	167	928253	24.498	ng/ul	98
78) Di-n-butylphthalate	18.164	149	1109540	24.247	ng/ul#	98
80) Fluoranthene	19.263	202	1268167	21.749	ng/ul	98
82) Pyrene	19.621	202	1335860	21.533	ng/ul#	95
83) Butylbenzylphthalate	20.514	149	486347	25.538	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.348	252	428900	24.100	ng/ul	94
85) Benzo(a)anthracene	21.425	228	1261704	20.421	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	699041	25.234	ng/ul	99
87) Chrysene	21.489	228	1188345	20.180	ng/ul	96
89) Di-n-octyl phthalate	22.471	149	1202803	27.072	ng/ul	100
90) Benzo(b)fluoranthene	23.505	252	1224402	20.928	ng/ul	98
91) Benzo(k)fluoranthene	23.569	252	1183248	20.275	ng/ul	99
93) Benzo(a)pyrene	24.321	252	1117915	20.357	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.870	276	1409893	21.023	ng/ul	98
95) Dibenzo(a,h)anthracene	27.911	278	1158476	21.588	ng/ul	97
96) Benzo(g,h,i)perylene	28.928	276	1085427	20.396	ng/ul	98

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

