

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063659.D
 Acq On : 12 Dec 2024 9:32
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020562

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 11:42:40 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	7.806	152	124622	20.000	ng/u1	0.00
20) Naphthalene-d8	10.597	136	528468	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	388642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.201	188	948562	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	915195	20.000	ng/u1	0.00
88) Perylene-d12	24.469	264	1004293	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	29517	9.282	ng/uL	0.00
4) Pyridine-d5	3.682	84	228436	22.771	ng/u1	0.00
7) Phenol-d5	6.984	99	241393	21.032	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.142	67	166383	20.989	ng/u1	0.00
11) 2-Chlorophenol-d4	7.342	132	154075	20.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	180258	20.229	ng/u1	-0.01
21) Nitrobenzene-d5	8.964	128	75215	19.933	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	88877	21.013	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	177440	21.668	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	212997	20.485	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	586650	22.184	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	673708	22.348	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	71383	19.051	ng/u1	0.00
60) Fluorene-d10	15.444	176	526346	22.511	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	96751	19.645	ng/u1	0.00
73) Anthracene-d10	17.301	188	916580	22.475	ng/u1	0.00
81) Pyrene-d10	19.598	212	1108292	23.272	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.269	264	1069296	22.673	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	34188	9.084	ng/uL	94
5) Pyridine	3.699	79	241117	22.439	ng/u1	97
6) Benzaldehyde	6.948	77	174247	24.750	ng/u1	95
8) Phenol	7.013	94	256450	20.965	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.230	93	194953	20.831	ng/u1	96
12) 2-Chlorophenol	7.377	128	159218	21.168	ng/u1	93
13) 2-Methylphenol	8.259	108	181605	20.541	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.323	45	288277	20.748	ng/u1	95
16) Acetophenone	8.629	105	320757	21.222	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.611	70	183454	20.342	ng/u1	97
18) 4-Methylphenol	8.588	108	205589	21.247	ng/u1	92
19) Hexachloroethane	8.887	117	76493	20.697	ng/u1	94
22) Nitrobenzene	9.005	77	273224	21.684	ng/u1	97
23) Isophorone	9.522	82	508634	21.364	ng/u1	99
25) 2-Nitrophenol	9.716	139	92092	21.186	ng/u1#	90
26) 2,4-Dimethylphenol	9.780	107	210598	21.351	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.010	93	280886	21.813	ng/u1	100
29) 2,4-Dichlorophenol	10.256	162	177055	21.759	ng/u1	94
30) Naphthalene	10.650	128	571256	21.621	ng/u1	97
32) 4-Chloroaniline	10.756	127	209187	21.145	ng/u1	98
33) Hexachlorobutadiene	10.932	225	148905	22.525	ng/u1	97
34) Caprolactam	11.502	113	58649m	20.851	ng/u1	
35) 4-Chloro-3-methylphenol	11.896	107	204433	21.400	ng/u1	96
36) 2-Methylnaphthalene	12.260	142	400535	21.092	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.483	142	415461	21.479	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.636	216	270070	21.707	ng/ul	96
40) Hexachlorocyclopentadiene	12.612	237	90094	18.318	ng/ul	92
41) 2,4,6-Trichlorophenol	12.883	196	143366	20.388	ng/ul	93
42) 2,4,5-Trichlorophenol	12.959	196	152868	20.831	ng/ul	94
43) 1,1'-Biphenyl	13.276	154	560344	21.863	ng/ul	97
44) 2-Chloronaphthalene	13.317	162	452143	21.968	ng/ul	99
45) 2-Nitroaniline	13.529	65	145594	21.119	ng/ul	95
47) Dimethylphthalate	13.905	163	588851	22.217	ng/ul	97
48) 2,6-Dinitrotoluene	14.028	165	110427	22.434	ng/ul#	90
50) Acenaphthylene	14.169	152	722159	22.341	ng/ul	98
51) 3-Nitroaniline	14.357	138	99556	21.876	ng/ul	88
52) Acenaphthene	14.510	153	501847	21.904	ng/ul	97
53) 2,4-Dinitrophenol	14.575	184	39109	15.547	ng/ul	88
55) 4-Nitrophenol	14.686	109	76971	19.783	ng/ul	88
56) Dibenzofuran	14.851	168	723861	22.410	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	168655	23.059	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	139974	22.127	ng/ul#	89
59) Diethylphthalate	15.274	149	571375	22.300	ng/ul	97
61) Fluorene	15.503	166	590214	22.884	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.491	204	317749	22.113	ng/ul	99
63) 4-Nitroaniline	15.521	138	99259	21.786	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.591	198	102497	20.201	ng/ul#	86
67) N-Nitrosodiphenylamine	15.709	169	500341	21.782	ng/ul	98
68) 4-Bromophenyl-phenylether	16.390	248	210914	21.818	ng/ul	95
69) Hexachlorobenzene	16.514	284	234760	21.675	ng/ul	96
70) Atrazine	16.661	200	212576	21.893	ng/ul	94
71) Pentachlorophenol	16.866	266	81562m	17.860	ng/ul	
72) Phenanthrene	17.242	178	1014178	22.187	ng/ul	99
74) Anthracene	17.336	178	1040760	22.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.247	216	271567	21.458	ng/ul	97
76) Pentachlorobenzene	14.775	250	263786	21.039	ng/ul	97
77) Carbazole	17.607	167	890944	23.790	ng/ul	97
78) Di-n-butylphthalate	18.171	149	975568	21.570	ng/ul	99
80) Fluoranthene	19.263	202	1272204	23.503	ng/ul	99
82) Pyrene	19.628	202	1377146	23.913	ng/ul	97
83) Butylbenzylphthalate	20.527	149	366706	20.743	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.355	252	363798	22.020	ng/ul	99
85) Benzo(a)anthracene	21.437	228	1285809	22.418	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.349	149	538848	20.954	ng/ul	97
87) Chrysene	21.496	228	1225027	22.409	ng/ul	99
89) Di-n-octyl phthalate	22.483	149	973299	22.453	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	1267529	22.206	ng/ul	98
91) Benzo(k)fluoranthene	23.582	252	1321907	23.217	ng/ul	99
93) Benzo(a)pyrene	24.328	252	1234831	23.048	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.877	276	1490688	22.783	ng/ul	99
95) Dibenzo(a,h)anthracene	27.918	278	1175703	22.457	ng/ul	97
96) Benzo(g,h,i)perylene	28.929	276	1140659	21.970	ng/ul	96

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

