

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063680.D
 Acq On : 13 Dec 2024 16:23
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020565

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 00:50:50 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	7.812	152	159135	20.000	ng/u1	0.00
20) Naphthalene-d8	10.603	136	695177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	543240	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	1297836	20.000	ng/u1	0.00
79) Chrysene-d12	21.461	240	1108400	20.000	ng/u1	0.00
88) Perylene-d12	24.487	264	1316792	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	27391	6.745	ng/uL	0.00
4) Pyridine-d5	3.682	84	225864	17.631	ng/u1	0.00
7) Phenol-d5	7.007	99	286001	19.514	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.142	67	182078	17.987	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	193108	20.352	ng/u1	0.00
15) 4-Methylphenol-d8	8.535	113	238493	20.959	ng/u1	0.00
21) Nitrobenzene-d5	8.970	128	107761	21.710	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	125981	22.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	235815	21.891	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	299473	21.895	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	750084	20.292	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	861995	20.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	126785	24.207	ng/u1	0.02
60) Fluorene-d10	15.450	176	684980	20.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	144949	21.511	ng/u1	0.00
73) Anthracene-d10	17.307	188	1175156	21.061	ng/u1	0.00
81) Pyrene-d10	19.604	212	1287098	22.315	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.281	264	1286575	20.806	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	30791	6.407	ng/uL#	89
5) Pyridine	3.699	79	228965	16.687	ng/u1	98
6) Benzaldehyde	6.954	77	196362	21.842	ng/u1#	81
8) Phenol	7.031	94	308320	19.739	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.236	93	224412	18.778	ng/u1	98
12) 2-Chlorophenol	7.383	128	202943	21.130	ng/u1	99
13) 2-Methylphenol	8.270	108	236305	20.932	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.329	45	350223	19.740	ng/u1	97
16) Acetophenone	8.635	105	394513	20.441	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.611	70	229136	19.897	ng/u1	91
18) 4-Methylphenol	8.599	108	253930	20.551	ng/u1	100
19) Hexachloroethane	8.887	117	88901	18.838	ng/u1	93
22) Nitrobenzene	9.011	77	323912	19.542	ng/u1	92
23) Isophorone	9.534	82	631417	20.162	ng/u1	99
25) 2-Nitrophenol	9.722	139	127711	22.334	ng/u1	89
26) 2,4-Dimethylphenol	9.792	107	275288	21.216	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.010	93	339287	20.030	ng/u1#	95
29) 2,4-Dichlorophenol	10.268	162	228524	21.350	ng/u1	96
30) Naphthalene	10.650	128	718368	20.668	ng/u1	97
32) 4-Chloroaniline	10.768	127	286673	22.028	ng/u1	98
33) Hexachlorobutadiene	10.938	225	157062	18.062	ng/u1	96
34) Caprolactam	11.531	113	93131m	25.170	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	280785	22.344	ng/u1	90
36) 2-Methylnaphthalene	12.266	142	518594	20.761	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.489	142	535271	21.037	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.642	216	314083	18.060	ng/ul#	96
40) Hexachlorocyclopentadiene	12.618	237	77015	11.203	ng/ul	98
41) 2,4,6-Trichlorophenol	12.889	196	203447	20.699	ng/ul	95
42) 2,4,5-Trichlorophenol	12.977	196	213047	20.769	ng/ul	98
43) 1,1'-Biphenyl	13.282	154	749440	20.919	ng/ul	96
44) 2-Chloronaphthalene	13.329	162	593855	20.642	ng/ul	98
45) 2-Nitroaniline	13.535	65	226161	23.469	ng/ul	94
47) Dimethylphthalate	13.905	163	758434	20.472	ng/ul	98
48) 2,6-Dinitrotoluene	14.034	165	146073	21.231	ng/ul#	95
50) Acenaphthylene	14.175	152	927266	20.523	ng/ul	98
51) 3-Nitroaniline	14.363	138	163323	25.674	ng/ul	89
52) Acenaphthene	14.516	153	663829	20.729	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	82055m	23.337	ng/ul	
55) 4-Nitrophenol	14.704	109	118079	21.712	ng/ul	90
56) Dibenzofuran	14.857	168	942461	20.874	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	234892	22.976	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.092	232	191798	21.691	ng/ul	97
59) Diethylphthalate	15.274	149	792808	22.137	ng/ul	98
61) Fluorene	15.509	166	780571	21.651	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.497	204	398034	19.818	ng/ul	98
63) 4-Nitroaniline	15.533	138	167208	26.256	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.597	198	154162	22.207	ng/ul	94
67) N-Nitrosodiphenylamine	15.715	169	691917	22.016	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	265156	20.047	ng/ul	95
69) Hexachlorobenzene	16.514	284	295468	19.938	ng/ul	98
70) Atrazine	16.672	200	307302	23.132	ng/ul	96
71) Pentachlorophenol	16.872	266	130229	20.843	ng/ul	93
72) Phenanthrene	17.248	178	1342238	21.461	ng/ul	99
74) Anthracene	17.342	178	1367424	21.602	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.253	216	336053	19.407	ng/ul	97
76) Pentachlorobenzene	14.780	250	334967	19.526	ng/ul	100
77) Carbazole	17.612	167	1227631	23.958	ng/ul	98
78) Di-n-butylphthalate	18.171	149	1480386	23.923	ng/ul	98
80) Fluoranthene	19.269	202	1557553	23.759	ng/ul	97
82) Pyrene	19.634	202	1625155	23.301	ng/ul	95
83) Butylbenzylphthalate	20.527	149	620055	28.960	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.361	252	484516	24.215	ng/ul#	96
85) Benzo(a)anthracene	21.437	228	1491132	21.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.349	149	898984	28.864	ng/ul	99
87) Chrysene	21.502	228	1422423	21.485	ng/ul	98
89) Di-n-octyl phthalate	22.489	149	1595635	28.075	ng/ul	100
90) Benzo(b)fluoranthene	23.529	252	1493837	19.960	ng/ul	98
91) Benzo(k)fluoranthene	23.588	252	1551936	20.789	ng/ul#	96
93) Benzo(a)pyrene	24.346	252	1422561	20.251	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.906	276	1828627	21.315	ng/ul	95
95) Dibenzo(a,h)anthracene	27.953	278	1487226	21.666	ng/ul	96
96) Benzo(g,h,i)perylene	28.970	276	1415444	20.792	ng/ul	97

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

