

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063682.D
 Acq On : 16 Dec 2024 10:34
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020566

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 01:58:34 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	174981	20.000	ng/u1	0.00
20) Naphthalene-d8	10.603	136	750244	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	543251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.201	188	1134518	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	1068417	20.000	ng/u1	# 0.00
88) Perylene-d12	24.475	264	1165312	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	31613	7.080	ng/uL	0.00
4) Pyridine-d5	3.682	84	235970	16.752	ng/u1	0.00
7) Phenol-d5	6.995	99	308606	19.150	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	200504	18.014	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	205248	19.672	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	245000	19.581	ng/u1	0.00
21) Nitrobenzene-d5	8.964	128	114214	21.321	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	126218	21.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	242839	20.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	312647	21.180	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	725831	19.635	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	868518	20.611	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	89911m	17.167	ng/u1	0.00
60) Fluorene-d10	15.444	176	649505	19.873	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	117281	19.910	ng/u1	0.00
73) Anthracene-d10	17.301	188	1027774	21.071	ng/u1	0.00
81) Pyrene-d10	19.598	212	1145078	20.596	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.275	264	1120373	20.473	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	36708	6.947	ng/uL	89
5) Pyridine	3.699	79	258255	17.117	ng/u1	93
6) Benzaldehyde	6.954	77	211041	21.349	ng/u1	93
8) Phenol	7.025	94	326547	19.013	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.236	93	246068	18.725	ng/u1	99
12) 2-Chlorophenol	7.383	128	214920	20.350	ng/u1	97
13) 2-Methylphenol	8.264	108	243349	19.603	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.329	45	370289	18.981	ng/u1	99
16) Acetophenone	8.629	105	420696	19.823	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.611	70	236165	18.650	ng/u1	95
18) 4-Methylphenol	8.593	108	271588	19.990	ng/u1	98
19) Hexachloroethane	8.887	117	93885	18.092	ng/u1	92
22) Nitrobenzene	9.005	77	343087	19.180	ng/u1	97
23) Isophorone	9.528	82	645522	19.099	ng/u1	98
25) 2-Nitrophenol	9.716	139	130614	21.165	ng/u1	88
26) 2,4-Dimethylphenol	9.786	107	284784	20.337	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.009	93	362089	19.807	ng/u1	95
29) 2,4-Dichlorophenol	10.262	162	228411	19.773	ng/u1	96
30) Naphthalene	10.650	128	762758	20.335	ng/u1	97
32) 4-Chloroaniline	10.762	127	299503	21.325	ng/u1	100
33) Hexachlorobutadiene	10.932	225	166328	17.723	ng/u1	98
34) Caprolactam	11.514	113	81434m	20.393	ng/u1	
35) 4-Chloro-3-methylphenol	11.907	107	277545	20.465	ng/u1	98
36) 2-Methylnaphthalene	12.260	142	535381	19.859	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.483	142	547004	19.920	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.636	216	327323	18.821	ng/ul	98
40) Hexachlorocyclopentadiene	12.612	237	132239	19.235	ng/ul	95
41) 2,4,6-Trichlorophenol	12.888	196	192118	19.546	ng/ul	95
42) 2,4,5-Trichlorophenol	12.971	196	203299	19.818	ng/ul	93
43) 1,1'-Biphenyl	13.276	154	753477	21.031	ng/ul	94
44) 2-Chloronaphthalene	13.323	162	590402	20.522	ng/ul	98
45) 2-Nitroaniline	13.529	65	210864	21.882	ng/ul	98
47) Dimethylphthalate	13.905	163	737448	19.905	ng/ul	97
48) 2,6-Dinitrotoluene	14.028	165	142281	20.679	ng/ul	97
50) Acenaphthylene	14.169	152	936407	20.725	ng/ul	100
51) 3-Nitroaniline	14.363	138	137692	21.645	ng/ul	91
52) Acenaphthene	14.516	153	648451	20.248	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	59508m	16.924	ng/ul	
55) 4-Nitrophenol	14.698	109	85176	15.662	ng/ul	85
56) Dibenzofuran	14.851	168	922658	20.435	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	207016	20.249	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	167187	18.907	ng/ul	98
59) Diethylphthalate	15.274	149	713349	19.918	ng/ul	99
61) Fluorene	15.503	166	725945	20.136	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.497	204	388231	19.329	ng/ul	95
63) 4-Nitroaniline	15.527	138	136406	21.418	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.597	198	119247	19.650	ng/ul#	95
67) N-Nitrosodiphenylamine	15.709	169	615151	22.391	ng/ul	99
68) 4-Bromophenyl-phenylether	16.390	248	241786	20.912	ng/ul	94
69) Hexachlorobenzene	16.514	284	267478	20.648	ng/ul	97
70) Atrazine	16.666	200	249412	21.477	ng/ul	96
71) Pentachlorophenol	16.866	266	96392m	17.648	ng/ul	
72) Phenanthrene	17.248	178	1168488	21.373	ng/ul	98
74) Anthracene	17.336	178	1201079	21.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.247	216	338649	22.372	ng/ul	96
76) Pentachlorobenzene	14.774	250	331497	22.106	ng/ul	99
77) Carbazole	17.612	167	997869	22.278	ng/ul	99
78) Di-n-butylphthalate	18.170	149	1191411	22.024	ng/ul	98
80) Fluoranthene	19.263	202	1341404	21.227	ng/ul	97
82) Pyrene	19.628	202	1427601	21.234	ng/ul#	94
83) Butylbenzylphthalate	20.521	149	530253	25.693	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.355	252	457761	23.734	ng/ul	90
85) Benzo(a)anthracene	21.437	228	1355503	20.244	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.349	149	765701	25.505	ng/ul	99
87) Chrysene	21.496	228	1286361	20.157	ng/ul	97
89) Di-n-octyl phthalate	22.483	149	1371807	27.274	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	1333398	20.133	ng/ul	99
91) Benzo(k)fluoranthene	23.582	252	1341000m	20.298	ng/ul	
93) Benzo(a)pyrene	24.334	252	1251301	20.128	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.888	276	1571185	20.695	ng/ul	95
95) Dibenzo(a,h)anthracene	27.935	278	1293469	21.292	ng/ul	94
96) Benzo(g,h,i)perylene	28.952	276	1233215	20.470	ng/ul	98

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

