

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121124\
 Data File : BG063653.D
 Acq On : 11 Dec 2024 15:54
 Operator : RC/JU
 Sample : SST02090
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020433

Quant Time: Dec 11 23:34:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:17:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	134078	20.000	ng/u1	0.00
20) Naphthalene-d8	10.603	136	591107	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	436199	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	1047180	20.000	ng/u1	0.00
79) Chrysene-d12	21.461	240	1052434	20.000	ng/u1	0.00
88) Perylene-d12	24.481	264	1144872	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	32079	10.562	ng/uL	0.00
4) Pyridine-d5	3.687	84	232588	20.702	ng/u1	0.00
7) Phenol-d5	6.995	99	269315	20.401	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	188293	21.096	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	178405	22.942	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	208209	21.273	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	90369	21.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	99634	20.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	202547	19.813	ng/u1	0.00
31) 4-Chloroaniline-d4	10.744	131	249436	20.190	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	649560	20.490	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	752703	21.722	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	84998	20.939	ng/u1	0.00
60) Fluorene-d10	15.450	176	582479	18.640	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	104002m	17.581	ng/u1	0.00
73) Anthracene-d10	17.307	188	981851	20.534	ng/u1	0.00
81) Pyrene-d10	19.604	212	1220105	20.915	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.275	264	1197037	20.818	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	36937	9.134	ng/uL	100
5) Pyridine	3.705	79	243297	20.853	ng/u1	100
6) Benzaldehyde	6.954	77	193918	22.955	ng/u1	100
8) Phenol	7.019	94	285427	20.113	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.236	93	222834	22.728	ng/u1	100
12) 2-Chlorophenol	7.383	128	183927	23.372	ng/u1	100
13) 2-Methylphenol	8.264	108	210187	21.226	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.329	45	335228	25.426	ng/u1	100
16) Acetophenone	8.629	105	367646	20.404	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.617	70	216414	21.081	ng/u1	100
18) 4-Methylphenol	8.587	108	231693	21.308	ng/u1	100
19) Hexachloroethane	8.887	117	84005	19.977	ng/u1	100
22) Nitrobenzene	9.010	77	308092	18.356	ng/u1	100
23) Isophorone	9.527	82	584870	19.328	ng/u1	100
25) 2-Nitrophenol	9.721	139	108462	22.926	ng/u1	100
26) 2,4-Dimethylphenol	9.786	107	238668	18.513	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.015	93	314034	22.211	ng/u1	100
29) 2,4-Dichlorophenol	10.256	162	202280	19.739	ng/u1	100
30) Naphthalene	10.650	128	652991	21.460	ng/u1	100
32) 4-Chloroaniline	10.761	127	250009	21.362	ng/u1	100
33) Hexachlorobutadiene	10.938	225	160206	15.151	ng/u1	100
34) Caprolactam	11.507	113	70341m	20.968	ng/u1	100
35) 4-Chloro-3-methylphenol	11.901	107	226323	17.704	ng/u1	100
36) 2-Methylnaphthalene	12.265	142	462656	19.722	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.489	142	471085	19.806	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.641	216	302688	17.849	ng/ul	100
40) Hexachlorocyclopentadiene	12.618	237	100157	14.148	ng/ul	100
41) 2,4,6-Trichlorophenol	12.888	196	171159	20.465	ng/ul	100
42) 2,4,5-Trichlorophenol	12.965	196	173734	19.255	ng/ul	100
43) 1,1'-Biphenyl	13.282	154	632223	21.835	ng/ul	100
44) 2-Chloronaphthalene	13.323	162	508863	21.323	ng/ul	100
45) 2-Nitroaniline	13.529	65	162033	20.784	ng/ul	100
47) Dimethylphthalate	13.905	163	655930	20.451	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	120947	20.438	ng/ul	100
50) Acenaphthylene	14.175	152	814739	22.358	ng/ul	100
51) 3-Nitroaniline	14.363	138	109006	21.856	ng/ul	100
52) Acenaphthene	14.516	153	564761	21.345	ng/ul	100
53) 2,4-Dinitrophenol	14.580	184	45525m	15.585	ng/ul	100
55) 4-Nitrophenol	14.686	109	84762	13.591	ng/ul	100
56) Dibenzofuran	14.851	168	805720	19.703	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	179331	19.215	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.086	232	150791	17.868	ng/ul	100
59) Diethylphthalate	15.274	149	637774	20.406	ng/ul	100
61) Fluorene	15.503	166	642045	19.276	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.497	204	354875	16.544	ng/ul	100
63) 4-Nitroaniline	15.532	138	116305	21.686	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.597	198	110868	18.770	ng/ul	100
67) N-Nitrosodiphenylamine	15.714	169	558319	22.766	ng/ul	100
68) 4-Bromophenyl-phenylether	16.396	248	238203	19.251	ng/ul	100
69) Hexachlorobenzene	16.513	284	260935	19.590	ng/ul	100
70) Atrazine	16.666	200	235603	20.553	ng/ul	100
71) Pentachlorophenol	16.866	266	94290m	20.134	ng/ul	100
72) Phenanthrene	17.248	178	1116301	21.641	ng/ul	100
74) Anthracene	17.336	178	1156015	21.703	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.247	216	307089	20.779	ng/ul	100
76) Pentachlorobenzene	14.780	250	301790	19.546	ng/ul	100
77) Carbazole	17.612	167	968938	22.705	ng/ul	100
78) Di-n-butylphthalate	18.170	149	1122145	24.631	ng/ul	100
80) Fluoranthene	19.269	202	1393348	21.252	ng/ul	100
82) Pyrene	19.633	202	1524859	21.879	ng/ul	100
83) Butylbenzylphthalate	20.526	149	436439	29.738	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.361	252	426533	23.675	ng/ul	100
85) Benzo(a)anthracene	21.443	228	1489189	20.981	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.355	149	649782	29.448	ng/ul	100
87) Chrysene	21.502	228	1421573	21.320	ng/ul	100
89) Di-n-octyl phthalate	22.489	149	1130105	28.245	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	1453544	20.438	ng/ul	100
91) Benzo(k)fluoranthene	23.587	252	1464523	20.716	ng/ul	100
93) Benzo(a)pyrene	24.340	252	1372899	20.582	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.888	276	1644397	20.436	ng/ul	100
95) Dibenzo(a,h)anthracene	27.935	278	1337929m	20.732	ng/ul	100
96) Benzo(g,h,i)perylene	28.940	276	1297079m	21.209	ng/ul	100

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

Manual Integrations

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