

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121124\
 Data File : BG063657.D
 Acq On : 11 Dec 2024 18:30
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV437

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 00:07:47 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	174958	20.000	ng/u1	0.00
20) Naphthalene-d8	10.603	136	743831	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	532759	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	1242915	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	1196316	20.000	ng/u1	0.00
88) Perylene-d12	24.481	264	1316008	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	32592	7.300	ng/uL	0.00
4) Pyridine-d5	3.687	84	282416	20.052	ng/u1	0.00
7) Phenol-d5	6.995	99	329796	20.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	258295m	23.209	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	217963	20.894	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	258380	20.653	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	116540	21.943	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	127536	21.423	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	253829	22.022	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	310809	21.237	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	784818	21.649	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	916781	22.185	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	107509	20.931	ng/u1	0.00
60) Fluorene-d10	15.450	176	693654	21.641	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	134305	20.812	ng/u1	0.00
73) Anthracene-d10	17.307	188	1171335	21.920	ng/u1	0.00
81) Pyrene-d10	19.604	212	1407197	22.604	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.269	264	1389827	22.489	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	37185	7.038	ng/uL#	89
5) Pyridine	3.705	79	259306	17.189	ng/u1	96
6) Benzaldehyde	6.954	77	197117m	19.943	ng/u1	
8) Phenol	7.019	94	350992	20.439	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.236	93	266125	20.254	ng/u1	94
12) 2-Chlorophenol	7.383	128	219095	20.748	ng/u1	98
13) 2-Methylphenol	8.264	108	255654	20.597	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.335	45	405175	20.772	ng/u1	98
16) Acetophenone	8.629	105	439404	20.708	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.617	70	267857	21.156	ng/u1	94
18) 4-Methylphenol	8.587	108	272328	20.047	ng/u1	98
19) Hexachloroethane	8.887	117	99107	19.101	ng/u1	96
22) Nitrobenzene	9.010	77	376010	21.201	ng/u1	97
23) Isophorone	9.527	82	682667	20.372	ng/u1	99
25) 2-Nitrophenol	9.721	139	129958	21.241	ng/u1	92
26) 2,4-Dimethylphenol	9.786	107	264683	19.065	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.015	93	370182	20.424	ng/u1	96
29) 2,4-Dichlorophenol	10.262	162	243113	21.227	ng/u1	92
30) Naphthalene	10.650	128	779485	20.960	ng/u1	98
32) 4-Chloroaniline	10.761	127	301461	21.649	ng/u1	97
33) Hexachlorobutadiene	10.938	225	197018	21.174	ng/u1	98
34) Caprolactam	11.519	113	79266m	20.022	ng/u1	
35) 4-Chloro-3-methylphenol	11.901	107	280725	20.878	ng/u1	99
36) 2-Methylnaphthalene	12.265	142	568574	21.273	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.489	142	537189	19.731	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.641	216	354183	20.767	ng/ul	96
40) Hexachlorocyclopentadiene	12.618	237	122367	18.150	ng/ul	92
41) 2,4,6-Trichlorophenol	12.882	196	207878	21.565	ng/ul	95
42) 2,4,5-Trichlorophenol	12.959	196	211224	20.997	ng/ul	99
43) 1,1'-Biphenyl	13.282	154	769620	21.905	ng/ul	95
44) 2-Chloronaphthalene	13.323	162	601816	21.331	ng/ul	98
45) 2-Nitroaniline	13.529	65	209887	22.209	ng/ul	98
47) Dimethylphthalate	13.911	163	792601	21.815	ng/ul	97
48) 2,6-Dinitrotoluene	14.028	165	159128	23.583	ng/ul	95
50) Acenaphthylene	14.175	152	979386	22.103	ng/ul	99
51) 3-Nitroaniline	14.357	138	151539	24.291	ng/ul	95
52) Acenaphthene	14.516	153	678801	21.613	ng/ul	97
53) 2,4-Dinitrophenol	14.580	184	64766	18.782	ng/ul#	83
55) 4-Nitrophenol	14.692	109	108795	20.398	ng/ul	88
56) Dibenzofuran	14.851	168	979881	22.130	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	217877	21.731	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.086	232	204032	23.529	ng/ul	94
59) Diethylphthalate	15.274	149	755949	21.523	ng/ul	97
61) Fluorene	15.503	166	766875	21.690	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.497	204	416081	21.124	ng/ul	97
63) 4-Nitroaniline	15.526	138	150360	24.075	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.597	198	141766	21.324	ng/ul	92
67) N-Nitrosodiphenylamine	15.714	169	664711	22.085	ng/ul	98
68) 4-Bromophenyl-phenylether	16.390	248	272322	21.499	ng/ul	96
69) Hexachlorobenzene	16.513	284	295893	20.849	ng/ul	96
70) Atrazine	16.666	200	263583	20.717	ng/ul	97
71) Pentachlorophenol	16.866	266	121219m	20.258	ng/ul	
72) Phenanthrene	17.248	178	1298465	21.679	ng/ul	99
74) Anthracene	17.336	178	1347480	22.227	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.247	216	340218	20.516	ng/ul	97
76) Pentachlorobenzene	14.774	250	353050	21.490	ng/ul	98
77) Carbazole	17.612	167	1150799	23.451	ng/ul	96
78) Di-n-butylphthalate	18.170	149	1299219	21.923	ng/ul	98
80) Fluoranthene	19.269	202	1628617	23.017	ng/ul	100
82) Pyrene	19.633	202	1713683	22.764	ng/ul	98
83) Butylbenzylphthalate	20.526	149	500878	21.675	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.361	252	517448	23.960	ng/ul	97
85) Benzo(a)anthracene	21.437	228	1664365	22.199	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.355	149	737372	21.935	ng/ul	100
87) Chrysene	21.502	228	1578144	22.085	ng/ul	97
89) Di-n-octyl phthalate	22.489	149	1314799	23.147	ng/ul	100
90) Benzo(b)fluoranthene	23.523	252	1607558	21.493	ng/ul	98
91) Benzo(k)fluoranthene	23.587	252	1675778	22.461	ng/ul	98
93) Benzo(a)pyrene	24.340	252	1563468	22.270	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.882	276	1857648	21.667	ng/ul	98
95) Dibenzo(a,h)anthracene	27.929	278	1496280	21.810	ng/ul	95
96) Benzo(g,h,i)perylene	28.952	276	1428992	21.004	ng/ul	97

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

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