

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063220.D
 Acq On : 8 Nov 2024 2:25
 Operator : RC/JU
 Sample : P4603-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EC8MS

Quant Time: Nov 08 02:04:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	88262	20.000	ng/u1	0.00
20) Naphthalene-d8	10.629	136	437606	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.477	164	416532	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1016934	20.000	ng/u1	0.00
79) Chrysene-d12	21.481	240	1042440	20.000	ng/u1	0.00
88) Perylene-d12	24.524	264	1104399	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	7339	3.760	ng/uL	0.00
4) Pyridine-d5	3.707	84	128781	19.961	ng/u1	0.00
7) Phenol-d5	7.015	99	215428	27.049	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.168	67	111529	23.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.374	132	145898	28.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.549	113	179319	26.564	ng/u1	0.00
21) Nitrobenzene-d5	8.995	128	78210	25.422	ng/u1	0.00
24) 2-Nitrophenol-d4	9.712	143	101798	25.602	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	223198	28.603	ng/u1	0.00
31) 4-Chloroaniline-d4	10.764	131	220382	21.683	ng/u1	0.00
46) Dimethylphthalate-d6	13.884	166	732147	22.440	ng/u1	0.00
49) Acenaphthylene-d8	14.172	160	838748	26.264	ng/u1	0.00
54) 4-Nitrophenol-d4	14.694	143	98049	21.949	ng/u1	0.01
60) Fluorene-d10	15.476	176	689933	25.055	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	133954	20.959	ng/u1	0.00
73) Anthracene-d10	17.327	188	1154228	26.409	ng/u1	0.00
81) Pyrene-d10	19.624	212	1429588	27.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.313	264	1416186	26.559	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	24523	10.205	ng/uL#	87
5) Pyridine	3.725	79	188064	28.570	ng/u1	97
6) Benzaldehyde	6.980	77	19793m	4.497	ng/u1	
8) Phenol	7.045	94	306225	35.283	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.262	93	188153	31.876	ng/u1	92
12) 2-Chlorophenol	7.409	128	200638	36.284	ng/u1	95
13) 2-Methylphenol	8.284	108	225257	35.531	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.361	45	242685	32.529	ng/u1	97
16) Acetophenone	8.660	105	349362	32.143	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.643	70	197352	31.128	ng/u1	97
18) 4-Methylphenol	8.613	108	261882	36.327	ng/u1	100
19) Hexachloroethane	8.919	117	80238	35.808	ng/u1	99
22) Nitrobenzene	9.036	77	313327	33.030	ng/u1	96
23) Isophorone	9.559	82	559391	27.940	ng/u1#	94
25) 2-Nitrophenol	9.747	139	138538	35.246	ng/u1#	90
26) 2,4-Dimethylphenol	9.812	107	286261	33.389	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.041	93	293590	30.418	ng/u1	99
29) 2,4-Dichlorophenol	10.282	162	269920	36.692	ng/u1	94
30) Naphthalene	10.682	128	754840	33.711	ng/u1	99
32) 4-Chloroaniline	10.787	127	170075	17.484	ng/u1	97
33) Hexachlorobutadiene	10.969	225	238868	33.927	ng/u1	99
34) Caprolactam	11.551	113	88027m	28.790	ng/u1	
35) 4-Chloro-3-methylphenol	11.921	107	305351	34.593	ng/u1	91
36) 2-Methylnaphthalene	12.291	142	609230	34.329	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.515	142	600031	32.514	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.667	216	519488	35.379	ng/ul	98
40) Hexachlorocyclopentadiene	12.644	237	151495	18.895	ng/ul	97
41) 2,4,6-Trichlorophenol	12.908	196	290570	36.661	ng/ul	98
42) 2,4,5-Trichlorophenol	12.985	196	318717m	37.083	ng/ul	
43) 1,1'-Biphenyl	13.308	154	904055	34.241	ng/ul	98
44) 2-Chloronaphthalene	13.349	162	710063	34.545	ng/ul	100
45) 2-Nitroaniline	13.555	65	238649	34.036	ng/ul	92
47) Dimethylphthalate	13.931	163	896620	28.661	ng/ul	99
48) 2,6-Dinitrotoluene	14.054	165	192100	32.089	ng/ul	97
50) Acenaphthylene	14.201	152	1073545	33.747	ng/ul	99
51) 3-Nitroaniline	14.383	138	178933	34.243	ng/ul	99
52) Acenaphthene	14.542	153	783654	34.419	ng/ul	97
53) 2,4-Dinitrophenol	14.600	184	101662	25.757	ng/ul#	85
55) 4-Nitrophenol	14.706	109	173131	29.820	ng/ul	94
56) Dibenzofuran	14.877	168	1155567	33.155	ng/ul	98
57) 2,4-Dinitrotoluene	14.847	165	287548	30.370	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.112	232	298831m	33.572	ng/ul	
59) Diethylphthalate	15.300	149	911100	28.406	ng/ul	99
61) Fluorene	15.529	166	974137	33.023	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.523	204	599027	31.598	ng/ul	96
63) 4-Nitroaniline	15.552	138	191167	36.146	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.617	198	201328	30.354	ng/ul#	95
67) N-Nitrosodiphenylamine	15.734	169	804677	35.470	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	421793	36.281	ng/ul	98
69) Hexachlorobenzene	16.539	284	435153	35.135	ng/ul	99
70) Atrazine	16.692	200	386834	31.170	ng/ul	97
71) Pentachlorophenol	16.886	266	209725	33.778	ng/ul	92
72) Phenanthrene	17.274	178	1620094	34.868	ng/ul	99
74) Anthracene	17.362	178	1628612	34.216	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.273	216	519691	39.519	ng/ul	95
76) Pentachlorobenzene	14.800	250	511816	36.497	ng/ul	96
77) Carbazole	17.632	167	1347006	34.086	ng/ul	97
78) Di-n-butylphthalate	18.196	149	1493416	33.223	ng/ul	99
80) Fluoranthene	19.289	202	2086160	36.927	ng/ul#	98
82) Pyrene	19.653	202	2156946	36.021	ng/ul	98
83) Butylbenzylphthalate	20.552	149	664614	37.977	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.387	252	703512	31.385	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2339351	35.478	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.381	149	963739	37.807	ng/ul	97
87) Chrysene	21.528	228	2136343	34.751	ng/ul	98
89) Di-n-octyl phthalate	22.526	149	1651249	37.941	ng/ul	100
90) Benzo(b)fluoranthene	23.561	252	2386670	35.918	ng/ul	99
91) Benzo(k)fluoranthene	23.625	252	2259834	34.144	ng/ul	100
93) Benzo(a)pyrene	24.383	252	2138474	34.792	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.949	276	2624784	34.815	ng/ul	97
95) Dibenzo(a,h)anthracene	28.002	278	2146793	34.926	ng/ul	97
96) Benzo(g,h,i)perylene	29.025	276	2023800	35.405	ng/ul	97

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

