

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
 Data File : BG063608.D
 Acq On : 9 Dec 2024 18:55
 Operator : RC/JU
 Sample : P5066-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28N8MS

Quant Time: Dec 10 01:35:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 15:14:46 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	164375	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	716575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.462	164	535917	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.218	188	1117625	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.477	240	977600	20.000	ng/u1	# 0.00
88) Perylene-d12	24.521	264	1084029	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14498	3.894	ng/uL	0.00
4) Pyridine-d5	3.692	84	233423	16.947	ng/u1	0.00
7) Phenol-d5	7.000	99	258500m	15.973	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.153	67	247956	22.660	ng/u1	0.00
11) 2-Chlorophenol-d4	7.359	132	119388	12.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	260144	21.680	ng/u1	0.00
21) Nitrobenzene-d5	8.980	128	115668	22.997	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	39970	6.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	133951	10.809	ng/u1	0.00
31) 4-Chloroaniline-d4	10.749	131	317398	21.193	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	915553	23.507	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1050443	24.673	ng/u1	0.00
54) 4-Nitrophenol-d4	14.685	143	24300m	4.872	ng/u1	0.00
60) Fluorene-d10	15.461	176	773610	20.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.590	200	17095	2.708	ng/u1	0.00
73) Anthracene-d10	17.318	188	1182320	23.168	ng/u1	0.00
81) Pyrene-d10	19.621	212	1313360	24.237	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.309	264	1208024	22.188	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	45548	9.187	ng/uL#	77
5) Pyridine	3.710	79	319549	22.340	ng/u1	94
6) Benzaldehyde	6.965	77	97080	9.374	ng/u1	94
8) Phenol	7.030	94	558737	32.116	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.247	93	371747	30.928	ng/u1	88
12) 2-Chlorophenol	7.388	128	317612	32.921	ng/u1	98
13) 2-Methylphenol	8.269	108	372136	30.654	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.340	45	577913	35.754	ng/u1#	94
16) Acetophenone	8.639	105	641204	29.027	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.628	70	375543	29.840	ng/u1#	94
18) 4-Methylphenol	8.598	108	418277	31.377	ng/u1	100
19) Hexachloroethane	8.892	117	154453	29.959	ng/u1	82
22) Nitrobenzene	9.021	77	558600	27.455	ng/u1#	90
23) Isophorone	9.538	82	1014871	27.666	ng/u1#	96
25) 2-Nitrophenol	9.732	139	181446	31.638	ng/u1#	89
26) 2,4-Dimethylphenol	9.797	107	437590m	28.000	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.026	93	547800	31.960	ng/u1	96
29) 2,4-Dichlorophenol	10.267	162	378100	30.436	ng/u1	93
30) Naphthalene	10.661	128	1204429	32.651	ng/u1	96
32) 4-Chloroaniline	10.772	127	148089	10.438	ng/u1	97
33) Hexachlorobutadiene	10.949	225	312725	24.397	ng/u1	98
34) Caprolactam	11.536	113	122280m	30.068	ng/u1	
35) 4-Chloro-3-methylphenol	11.912	107	458490	29.586	ng/u1#	85
36) 2-Methylnaphthalene	12.276	142	900559	31.667	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	885672	30.716	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.652	216	597113	28.659	ng/ul	98
40) Hexachlorocyclopentadiene	12.629	237	209252	24.058	ng/ul	93
41) 2,4,6-Trichlorophenol	12.893	196	321991	31.337	ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	347179	31.318	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	1212436	34.082	ng/ul#	96
44) 2-Chloronaphthalene	13.334	162	982225	33.500	ng/ul	92
45) 2-Nitroaniline	13.540	65	322419	33.662	ng/ul	91
47) Dimethylphthalate	13.922	163	1209407	30.692	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	220026	30.263	ng/ul	86
50) Acenaphthylene	14.186	152	1500962	33.525	ng/ul	98
51) 3-Nitroaniline	14.374	138	184226	30.065	ng/ul	87
52) Acenaphthene	14.533	153	1071432	32.959	ng/ul	96
53) 2,4-Dinitrophenol	14.591	184	101314	28.229	ng/ul	89
55) 4-Nitrophenol	14.697	109	182075	23.762	ng/ul#	82
56) Dibenzofuran	14.867	168	1540365	30.659	ng/ul	97
57) 2,4-Dinitrotoluene	14.838	165	323512	28.214	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.102	232	268894	25.934	ng/ul#	98
59) Diethylphthalate	15.291	149	1151892	29.998	ng/ul	97
61) Fluorene	15.520	166	1176510	28.750	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.508	204	657288	24.941	ng/ul	93
63) 4-Nitroaniline	15.537	138	226062	34.307	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.608	198	194761	30.895	ng/ul#	94
67) N-Nitrosodiphenylamine	15.725	169	1013955	38.740	ng/ul	95
68) 4-Bromophenyl-phenylether	16.407	248	416050	31.505	ng/ul#	90
69) Hexachlorobenzene	16.530	284	439403	30.910	ng/ul	97
71) Pentachlorophenol	16.877	266	176335m	35.280	ng/ul	
72) Phenanthrene	17.259	178	1861380	33.811	ng/ul	97
74) Anthracene	17.353	178	1857369	32.672	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.258	216	593285	37.614	ng/ul	99
76) Pentachlorobenzene	14.791	250	571024	34.652	ng/ul	99
77) Carbazole	17.623	167	1596030	35.042	ng/ul	98
78) Di-n-butylphthalate	18.187	149	1754649	36.087	ng/ul	98
80) Fluoranthene	19.286	202	2128031	34.943	ng/ul#	95
82) Pyrene	19.650	202	2249168	34.742	ng/ul#	93
83) Butylbenzylphthalate	20.543	149	610644	44.792	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.383	252	631191	37.716	ng/ul#	95
85) Benzo(a)anthracene	21.460	228	2170089	32.915	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.372	149	916413	44.711	ng/ul	96
87) Chrysene	21.524	228	2092293	33.782	ng/ul	98
89) Di-n-octyl phthalate	22.517	149	1608138	42.449	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	2173414	32.275	ng/ul#	97
91) Benzo(k)fluoranthene	23.622	252	2115110	31.598	ng/ul#	98
93) Benzo(a)pyrene	24.380	252	2037976	32.267	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.958	276	2541339	33.356	ng/ul#	93
95) Dibenzo(a,h)anthracene	27.999	278	2086774	34.151	ng/ul#	91
96) Benzo(g,h,i)perylene	29.021	276	2008885	34.692	ng/ul#	92

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

