

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
 Data File : BG050736.D
 Acq On : 26 Oct 2021 19:00
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV404

Manual Integrations
 APPROVED

mohammad

10/27/2021 11:49:58 AM

Quant Time: Oct 27 03:33:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 18:31:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	41418	20.000	ng/ul	0.00
20) Naphthalene-d8	11.079	136	176527	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.875	164	115863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	268208	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	237103	20.000	ng/ul	0.00
88) Perylene-d12	25.356	264	233157	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	8173	7.775	ng/uL	0.00
4) Pyridine-d5	4.034	84	63551	19.091	ng/ul	0.00
7) Phenol-d5	7.389	99	70143	18.225	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.560	67	46535	18.793	ng/ul	0.00
11) 2-Chlorophenol-d4	7.777	132	51487	19.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	55572	18.701	ng/ul	0.00
21) Nitrobenzene-d5	9.422	128	26114	19.381	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	29573	19.463	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.691	165	51111	19.154	ng/ul	0.00
31) 4-Chloroaniline-d4	11.202	131	71696	18.307	ng/ul	0.00
46) Dimethylphthalate-d6	14.269	166	158483	19.368	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	196819	19.368	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	28960	19.556	ng/ul	0.00
60) Fluorene-d10	15.862	176	136499	19.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.979	200	28142	17.930	ng/ul	0.00
73) Anthracene-d10	17.718	188	221079	19.225	ng/ul	0.00
81) Pyrene-d10	19.998	212	256858	19.010	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.121	264	230069	19.179	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.641	88	9823	7.533	ng/uL	94
5) Pyridine	4.052	79	66320	19.160	ng/ul	99
6) Benzaldehyde	7.383	77	50259	26.171	ng/ul	97
8) Phenol	7.419	94	74175	18.474	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.654	93	56365	18.608	ng/ul	97
12) 2-Chlorophenol	7.806	128	51348	18.896	ng/ul#	91
13) 2-Methylphenol	8.682	108	54439	18.313	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.770	45	88708	18.550	ng/ul	99
16) Acetophenone	9.076	105	87506	18.802	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.046	70	53271	18.925	ng/ul#	92
18) 4-Methylphenol	9.011	108	58495	18.657	ng/ul	97
19) Hexachloroethane	9.340	117	22189	18.923	ng/ul	95
22) Nitrobenzene	9.463	77	76423	19.516	ng/ul	99
23) Isophorone	9.986	82	140904	18.928	ng/ul	99
25) 2-Nitrophenol	10.180	139	30159	19.048	ng/ul	94
26) 2,4-Dimethylphenol	10.221	107	67035	19.367	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.462	93	77389	19.173	ng/ul	98
29) 2,4-Dichlorophenol	10.715	162	48953	18.988	ng/ul	93
30) Naphthalene	11.126	128	171000	18.989	ng/ul	99
32) 4-Chloroaniline	11.232	127	73686	18.735	ng/ul	95
33) Hexachlorobutadiene	11.396	225	33457	19.149	ng/ul	99
34) Caprolactam	11.984	113	20173m	18.852	ng/ul	
35) 4-Chloro-3-methylphenol	12.331	107	60970	18.995	ng/ul	96
36) 2-Methylnaphthalene	12.718	142	113632	18.867	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.936	142	115884	19.050	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.077	216	61894	19.229	ng/ul#	98
40) Hexachlorocyclopentadiene	13.047	237	28572	16.515	ng/ul	92
41) 2,4,6-Trichlorophenol	13.312	196	40702	19.211	ng/ul	94
42) 2,4,5-Trichlorophenol	13.388	196	43222	19.330	ng/ul	95
43) 1,1'-Biphenyl	13.705	154	152920	19.049	ng/ul	98
44) 2-Chloronaphthalene	13.758	162	119719	19.257	ng/ul	96
45) 2-Nitroaniline	13.958	65	48641	19.618	ng/ul	95
47) Dimethylphthalate	14.311	163	159800	19.448	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	32892	19.426	ng/ul	95
50) Acenaphthylene	14.598	152	198723	19.128	ng/ul	99
51) 3-Nitroaniline	14.775	138	34962	21.369	ng/ul	88
52) Acenaphthene	14.939	153	131945	19.440	ng/ul	97
53) 2,4-Dinitrophenol	14.986	184	15960	16.900	ng/ul	89
55) 4-Nitrophenol	15.074	109	27262	19.144	ng/ul	87
56) Dibenzofuran	15.268	168	187436	19.532	ng/ul	98
57) 2,4-Dinitrotoluene	15.227	165	47403	19.513	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.492	232	33873	19.435	ng/ul#	88
59) Diethylphthalate	15.668	149	174413	19.870	ng/ul	98
61) Fluorene	15.920	166	147031	19.302	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.903	204	78309	19.493	ng/ul	92
63) 4-Nitroaniline	15.938	138	35004	22.855	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.991	198	27248	17.972	ng/ul	99
67) N-Nitrosodiphenylamine	16.114	169	133330	18.708	ng/ul	99
68) 4-Bromophenyl-phenylether	16.802	248	46612	18.446	ng/ul	94
69) Hexachlorobenzene	16.919	284	48288	18.711	ng/ul	95
70) Atrazine	17.060	200	58622	19.214	ng/ul	97
71) Pentachlorophenol	17.266	266	21305	16.199	ng/ul	100
72) Phenanthrene	17.665	178	256298	19.116	ng/ul	99
74) Anthracene	17.754	178	260562	19.482	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.676	216	65835	18.358	ng/ul	97
76) Pentachlorobenzene	15.186	250	60256	18.193	ng/ul	99
77) Carbazole	18.024	167	243474	19.605	ng/ul	98
78) Di-n-butylphthalate	18.559	149	317818	20.263	ng/ul	99
80) Fluoranthene	19.663	202	323382	18.778	ng/ul	97
82) Pyrene	20.027	202	317090	18.830	ng/ul	97
83) Butylbenzylphthalate	20.891	149	135746	19.015	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.814	252	105053	19.975	ng/ul	99
85) Benzo(a)anthracene	21.908	228	286919	19.080	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.778	149	193626	19.059	ng/ul	99
87) Chrysene	21.978	228	271480	18.961	ng/ul	99
89) Di-n-octyl phthalate	23.059	149	328785	19.369	ng/ul	100
90) Benzo(b)fluoranthene	24.258	252	282487	18.982	ng/ul	98
91) Benzo(k)fluoranthene	24.328	252	265375	19.134	ng/ul	99
93) Benzo(a)pyrene	25.192	252	269142	18.868	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.299	276	298002	18.905	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.364	278	256198	18.897	ng/ul	99
96) Benzo(g,h,i)perylene	30.527	276	248674	18.884	ng/ul	97

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

