

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050172.D
 Acq On : 7 Sep 2021 18:36
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV432

Manual Integrations
 APPROVED

mohammad
 9/15/2021 4:26:28 PM

Quant Time: Sep 15 04:23:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	39976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.777	136	141716	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.619	164	86759	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	186983	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	190174	20.000	ng/ul	0.00
88) Perylene-d12	24.858	264	213683	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	6776	8.380	ng/uL	0.00
4) Pyridine-d5	3.740	84	50223	17.497	ng/ul	0.00
7) Phenol-d5	7.129	99	53522	17.244	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.276	67	39744	21.925	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	43954	17.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.680	113	40133	16.445	ng/ul	0.00
21) Nitrobenzene-d5	9.127	128	19619	20.169	ng/ul	0.00
24) 2-Nitrophenol-d4	9.855	143	26320	22.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.407	165	45976	20.366	ng/ul	0.00
31) 4-Chloroaniline-d4	10.918	131	59527	21.403	ng/ul	0.00
46) Dimethylphthalate-d6	14.014	166	129018	19.694	ng/ul	0.00
49) Acenaphthylene-d8	14.314	160	148306	19.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.854	143	14979	18.950	ng/ul	0.00
60) Fluorene-d10	15.606	176	105884	19.466	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.753	200	20359	18.050	ng/ul	0.00
73) Anthracene-d10	17.468	188	160591	19.132	ng/ul	0.00
81) Pyrene-d10	19.759	212	192184	20.288	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.635	264	208991	18.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	7828	8.501	ng/uL	95
5) Pyridine	3.757	79	55667	18.451	ng/ul#	89
6) Benzaldehyde	7.088	77	28963	16.833	ng/ul	95
8) Phenol	7.153	94	54959	17.981	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.370	93	43113	19.024	ng/ul	98
12) 2-Chlorophenol	7.523	128	41529	16.545	ng/ul#	86
13) 2-Methylphenol	8.416	108	39744	16.155	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.480	45	38170	16.689	ng/ul	97
16) Acetophenone	8.786	105	62331	17.360	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.762	70	32786	17.123	ng/ul	92
18) 4-Methylphenol	8.745	108	39535	16.920	ng/ul	90
19) Hexachloroethane	9.038	117	17047	16.281	ng/ul	95
22) Nitrobenzene	9.168	77	52132	20.579	ng/ul	94
23) Isophorone	9.690	82	99153	20.497	ng/ul	97
25) 2-Nitrophenol	9.884	139	25162	21.564	ng/ul#	88
26) 2,4-Dimethylphenol	9.955	107	56335	20.288	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.172	93	58172	19.824	ng/ul	95
29) 2,4-Dichlorophenol	10.431	162	43571	21.102	ng/ul#	89
30) Naphthalene	10.824	128	137795	21.171	ng/ul	98
32) 4-Chloroaniline	10.942	127	58405	22.293	ng/ul	98
33) Hexachlorobutadiene	11.106	225	36847	22.513	ng/ul#	88
34) Caprolactam	11.705	113	12584m	20.032	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	50317	21.621	ng/ul	93
36) 2-Methylnaphthalene	12.440	142	101071	20.999	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	95460	20.655	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	59103	20.141	ng/ul	97
40) Hexachlorocyclopentadiene	12.780	237	14368	18.058	ng/ul	91
41) 2,4,6-Trichlorophenol	13.056	196	31661	19.110	ng/ul	96
42) 2,4,5-Trichlorophenol	13.145	196	31091	17.945	ng/ul	89
43) 1,1'-Biphenyl	13.444	154	153968	24.582	ng/ul#	98
44) 2-Chloronaphthalene	13.491	162	114242	23.194	ng/ul	98
45) 2-Nitroaniline	13.703	65	32554	20.877	ng/ul	94
47) Dimethylphthalate	14.061	163	127229	20.348	ng/ul	99
48) 2,6-Dinitrotoluene	14.196	165	25682	19.291	ng/ul#	83
50) Acenaphthylene	14.337	152	141594	19.423	ng/ul	96
51) 3-Nitroaniline	14.531	138	19310	15.932	ng/ul	92
52) Acenaphthene	14.678	153	98258	18.916	ng/ul	98
53) 2,4-Dinitrophenol	14.766	184	9575m	17.561	ng/ul	
55) 4-Nitrophenol	14.872	109	15923m	18.101	ng/ul	
56) Dibenzofuran	15.013	168	138360	19.360	ng/ul	100
57) 2,4-Dinitrotoluene	14.995	165	36560	19.217	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.254	232	24627	18.767	ng/ul	94
59) Diethylphthalate	15.424	149	118963	18.824	ng/ul	96
61) Fluorene	15.665	166	114317	19.079	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.653	204	58184	18.238	ng/ul	98
63) 4-Nitroaniline	15.694	138	15319m	13.571	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.765	198	16430	16.402	ng/ul#	94
67) N-Nitrosodiphenylamine	15.870	169	96345	19.056	ng/ul	97
68) 4-Bromophenyl-phenylether	16.552	248	43504	19.634	ng/ul	94
69) Hexachlorobenzene	16.681	284	49151	19.565	ng/ul	93
70) Atrazine	16.822	200	41445	19.550	ng/ul	99
71) Pentachlorophenol	17.033	266	9348m	13.584	ng/ul	
72) Phenanthrene	17.409	178	186880	19.596	ng/ul	97
74) Anthracene	17.503	178	191283m	19.781	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.415	216	75559	26.075	ng/uL	92
76) Pentachlorobenzene	14.942	250	56546	18.899	ng/uL	99
77) Carbazole	17.779	167	167560	19.655	ng/ul	99
78) Di-n-butylphthalate	18.320	149	205275	19.911	ng/ul	99
80) Fluoranthene	19.424	202	244114	20.734	ng/ul#	95
82) Pyrene	19.789	202	238740	20.674	ng/ul	97
83) Butylbenzylphthalate	20.664	149	91345	20.683	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	80183	19.547	ng/ul#	96
85) Benzo(a)anthracene	21.621	228	224897	19.317	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.510	149	130327	19.760	ng/ul	100
87) Chrysene	21.686	228	218515	20.134	ng/ul	96
89) Di-n-octyl phthalate	22.708	149	229024	18.519	ng/ul	100
90) Benzo(b)fluoranthene	23.830	252	248203	18.560	ng/ul#	99
91) Benzo(k)fluoranthene	23.901	252	243068m	19.041	ng/ul	
93) Benzo(a)pyrene	24.705	252	223347	19.104	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.541	276	284727m	18.586	ng/ul	
95) Dibenzo(a,h)anthracene	28.600	278	233987m	18.413	ng/ul	
96) Benzo(g,h,i)perylene	29.687	276	221201	18.022	ng/ul	98

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

