

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049229.D
 Acq On : 8 Jul 2021 23:50
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV201

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:47:10 PM

Quant Time: Jul 09 03:16:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	34971	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	142417	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.718	164	100389	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	229243	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.757	240	244086	20.000	ng/u1	0.00
88) Perylene-d12	25.053	264	252409	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	5091m	6.848	ng/uL	0.00
4) Pyridine-d5	3.889	84	37801	17.292	ng/u1	0.00
7) Phenol-d5	7.227	99	50416	16.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	34049	19.299	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	40429	17.982	ng/u1	0.00
15) 4-Methylphenol-d8	8.778	113	40767	16.726	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	20240	18.520	ng/u1	0.00
24) 2-Nitrophenol-d4	9.971	143	22309	17.783	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.517	165	43692	17.849	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	54775	17.171	ng/u1	0.00
46) Dimethylphthalate-d6	14.119	166	136871	17.728	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	159651	17.624	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	22665	17.736	ng/u1	0.00
60) Fluorene-d10	15.711	176	114190	17.469	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	25534	17.524	ng/u1	0.00
73) Anthracene-d10	17.567	188	191309	18.329	ng/u1	0.00
81) Pyrene-d10	19.853	212	226170	18.079	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.824	264	236781	18.046	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.507	88	6185	6.831	ng/uL#	82
5) Pyridine	3.913	79	34537	14.242	ng/u1	96
6) Benzaldehyde	7.209	77	41726	22.801	ng/u1	96
8) Phenol	7.256	94	52330	17.201	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.491	93	37729	16.679	ng/u1#	82
12) 2-Chlorophenol	7.638	128	39013	17.191	ng/u1	98
13) 2-Methylphenol	8.513	108	38130	16.455	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.602	45	62322	17.129	ng/u1	97
16) Acetophenone	8.901	105	74461	18.624	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.884	70	35717	17.582	ng/u1	97
18) 4-Methylphenol	8.842	108	40936	16.981	ng/u1	89
19) Hexachloroethane	9.166	117	18612	18.114	ng/u1	88
22) Nitrobenzene	9.283	77	54198	17.586	ng/u1	98
23) Isophorone	9.806	82	93597	17.581	ng/u1	98
25) 2-Nitrophenol	10.006	139	23916	18.686	ng/u1	90
26) 2,4-Dimethylphenol	10.053	107	50465	17.807	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.294	93	49948	17.597	ng/u1	96
29) 2,4-Dichlorophenol	10.540	162	41769	18.674	ng/u1	92
30) Naphthalene	10.946	128	127867	18.008	ng/u1	97
32) 4-Chloroaniline	11.052	127	52941	16.833	ng/u1	93
33) Hexachlorobutadiene	11.234	225	34159	18.009	ng/u1	99
34) Caprolactam	11.815	113	14120m	18.147	ng/u1	
35) 4-Chloro-3-methylphenol	12.168	107	45130	18.063	ng/u1	91
36) 2-Methylnaphthalene	12.550	142	97554	18.083	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.767	142	90643	16.895	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.914	216	61288	19.437	ng/ul#	96
40) Hexachlorocyclopentadiene	12.897	237	38627	18.446	ng/ul	93
41) 2,4,6-Trichlorophenol	13.155	196	36573	17.931	ng/ul	91
42) 2,4,5-Trichlorophenol	13.226	196	38742	17.858	ng/ul	92
43) 1,1'-Biphenyl	13.555	154	131455	19.382	ng/ul	98
44) 2-Chloronaphthalene	13.602	162	95964	18.059	ng/ul	99
45) 2-Nitroaniline	13.795	65	35660	18.304	ng/ul	88
47) Dimethylphthalate	14.166	163	129010	18.003	ng/ul#	99
48) 2,6-Dinitrotoluene	14.289	165	29136	18.879	ng/ul#	81
50) Acenaphthylene	14.442	152	155931	19.355	ng/ul	99
51) 3-Nitroaniline	14.618	138	26936	19.167	ng/ul	90
52) Acenaphthene	14.783	153	102308	17.486	ng/ul	98
53) 2,4-Dinitrophenol	14.824	184	16258	16.622	ng/ul	94
55) 4-Nitrophenol	14.924	109	27605	17.112	ng/ul	97
56) Dibenzofuran	15.117	168	152496	18.391	ng/ul	95
57) 2,4-Dinitrotoluene	15.076	165	40381	18.132	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.341	232	36821	18.100	ng/ul#	82
59) Diethylphthalate	15.529	149	138367	17.963	ng/ul	98
61) Fluorene	15.770	166	127346	18.146	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.758	204	68553	17.769	ng/ul	100
63) 4-Nitroaniline	15.781	138	28637	20.757	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.840	198	24096	17.378	ng/ul#	99
67) N-Nitrosodiphenylamine	15.969	169	108686	18.622	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	47404	18.540	ng/ul	92
69) Hexachlorobenzene	16.774	284	52881	18.262	ng/ul	95
70) Atrazine	16.915	200	50751	18.999	ng/ul	97
71) Pentachlorophenol	17.115	266	30707	17.768	ng/ul	94
72) Phenanthrene	17.515	178	208464	18.644	ng/ul	98
74) Anthracene	17.603	178	211491	18.516	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.519	216	58425	18.682	ng/ul	97
76) Pentachlorobenzene	15.041	250	62178	18.741	ng/ul	96
77) Carbazole	17.873	167	189615	18.609	ng/ul	99
78) Di-n-butylphthalate	18.425	149	236492	18.550	ng/ul	99
80) Fluoranthene	19.524	202	262854	18.066	ng/ul	99
82) Pyrene	19.882	202	264207	18.225	ng/ul	99
83) Butylbenzylphthalate	20.764	149	104188	18.306	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.645	252	119013	20.869	ng/ul	100
85) Benzo(a)anthracene	21.733	228	267600	17.840	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.633	149	146785	17.682	ng/ul	100
87) Chrysene	21.804	228	259806	18.311	ng/ul	98
89) Di-n-octyl phthalate	22.867	149	256103	18.026	ng/ul	100
90) Benzo(b)fluoranthene	24.001	252	285870	18.359	ng/ul	95
91) Benzo(k)fluoranthene	24.072	252	265232	17.469	ng/ul	99
93) Benzo(a)pyrene	24.900	252	267549	19.524	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.819	276	364580	20.620	ng/ul	95
95) Dibenzo(a,h)anthracene	28.890	278	310278	21.188	ng/ul	93
96) Benzo(g,h,i)perylene	30.000	276	316996	21.686	ng/ul	93

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

