

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060621\
 Data File : BM030303.D
 Acq On : 04 Jun 2021 19:57
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV018

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:27:39 PM

Quant Time: Jun 05 05:59:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 04 19:21:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	181260	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	792029	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	551139	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1229692	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1432729	20.000	ng/ul	0.00
88) Perylene-d12	23.650	264	1531307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	34988	7.371	ng/uL	0.00
4) Pyridine-d5	3.734	84	217060	17.402	ng/ul	0.00
7) Phenol-d5	7.010	99	294784	18.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	185327	18.227	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	237139	20.814	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	238761	18.977	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	112315	20.717	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	116027	21.548	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	249733	21.292	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	363099	20.250	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	794404	21.004	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	972963	20.592	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	146084	20.635	ng/ul	0.00
60) Fluorene-d10	15.463	176	707335	20.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	129682	18.270	ng/ul	0.00
73) Anthracene-d10	17.309	188	1134275	20.280	ng/ul	0.00
81) Pyrene-d10	19.592	212	1332496	17.769	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.509	264	1548026	20.273	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	35561	7.391	ng/uL	93
5) Pyridine	3.752	79	229237	17.408	ng/ul	98
6) Benzaldehyde	6.992	77	137233	18.587	ng/ul	94
8) Phenol	7.034	94	300698	18.846	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	241787	18.770	ng/ul	99
12) 2-Chlorophenol	7.416	128	241803	20.573	ng/ul	99
13) 2-Methylphenol	8.287	108	222350	18.740	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	363578	17.523	ng/ul	98
16) Acetophenone	8.669	105	379660	19.085	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.657	70	192916	19.952	ng/ul	97
18) 4-Methylphenol	8.610	108	248748	19.013	ng/ul	98
19) Hexachloroethane	8.934	117	96098	19.324	ng/ul	96
22) Nitrobenzene	9.045	77	274934	19.754	ng/ul	100
23) Isophorone	9.569	82	511794	20.111	ng/ul	100
25) 2-Nitrophenol	9.757	139	130561	21.889	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	276046	20.443	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.051	93	329981	19.476	ng/ul	99
29) 2,4-Dichlorophenol	10.286	162	242589	21.239	ng/ul	98
30) Naphthalene	10.692	128	796207	19.832	ng/ul	100
32) 4-Chloroaniline	10.798	127	360612	20.093	ng/ul	98
33) Hexachlorobutadiene	10.980	225	156118	21.478	ng/ul	97
34) Caprolactam	11.563	113	75346m	20.602	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	246327	21.192	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	589528	20.641	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	600511	20.715	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	325624	20.322	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	186920	18.462	ng/ul	96
41) 2,4,6-Trichlorophenol	12.904	196	199698	20.745	ng/ul	96
42) 2,4,5-Trichlorophenol	12.974	196	227935	21.737	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	785616	19.564	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	606562	19.573	ng/ul	98
45) 2-Nitroaniline	13.551	65	154375	19.927	ng/ul	97
47) Dimethylphthalate	13.927	163	786211	21.279	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	147715	22.309	ng/ul	96
50) Acenaphthylene	14.198	152	914729	20.268	ng/ul	99
51) 3-Nitroaniline	14.374	138	143224	18.973	ng/ul	94
52) Acenaphthene	14.539	153	665498	19.848	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	82818	18.743	ng/ul	94
55) 4-Nitrophenol	14.668	109	112222	20.232	ng/ul	96
56) Dibenzofuran	14.874	168	945141	20.261	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	218241	23.306	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	192677	22.954	ng/ul	94
59) Diethylphthalate	15.292	149	788140	21.616	ng/ul	100
61) Fluorene	15.521	166	804740	20.547	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	403127	21.373	ng/ul	98
63) 4-Nitroaniline	15.533	138	143719	20.332	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	129977	18.467	ng/ul	97
67) N-Nitrosodiphenylamine	15.727	169	686841	18.961	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	237420	19.850	ng/ul	96
69) Hexachlorobenzene	16.521	284	276242	20.320	ng/ul	96
70) Atrazine	16.668	200	254906	19.608	ng/ul	100
71) Pentachlorophenol	16.862	266	161157	19.345	ng/ul	99
72) Phenanthrene	17.251	178	1309318	19.692	ng/ul	99
74) Anthracene	17.345	178	1353863	20.175	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.274	216	323018	18.256	ng/ul	99
76) Pentachlorobenzene	14.792	250	324760	19.059	ng/ul	100
77) Carbazole	17.609	167	1184742	19.878	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1347388	21.587	ng/ul	99
80) Fluoranthene	19.256	202	1616138	17.539	ng/ul	99
82) Pyrene	19.621	202	1714216	17.591	ng/ul	96
83) Butylbenzylphthalate	20.509	149	596210	19.494	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.286	252	557068	21.500	ng/ul	97
85) Benzo(a)anthracene	21.356	228	1768202	20.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	961570	20.725	ng/ul	99
87) Chrysene	21.403	228	1721940	20.173	ng/ul	100
89) Di-n-octyl phthalate	22.168	149	1676281	16.996	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	1930315	19.611	ng/ul	98
91) Benzo(k)fluoranthene	23.009	252	1813931	19.293	ng/ul	98
93) Benzo(a)pyrene	23.556	252	1727335	20.077	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.974	276	2207871	20.851	ng/ul	96
95) Dibenzo(a,h)anthracene	25.985	278	1848714	20.737	ng/ul	98
96) Benzo(g,h,i)perylene	26.685	276	1831022	21.043	ng/ul	97

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

