

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092121\
 Data File : BM032125.D
 Acq On : 21 Sep 2021 22:33
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV031

Quant Time: Sep 22 02:55:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 22 02:47:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	141703	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	664771	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	464534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	1026054	20.000	ng/u1	0.00
79) Chrysene-d12	21.203	240	1120479	20.000	ng/u1	0.00
88) Perylene-d12	23.374	264	1264305	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.981	96	26593	7.732	ng/uL	0.00
4) Pyridine-d5	3.410	84	214365	19.659	ng/u1	0.00
7) Phenol-d5	6.851	99	246761	19.055	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	154553	19.828	ng/u1	0.00
11) 2-Chlorophenol-d4	7.204	132	175979	19.025	ng/u1	0.00
15) 4-Methylphenol-d8	8.392	113	199850	19.091	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	80410	21.236	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	71825	20.003	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	187136	19.286	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	288883	20.123	ng/u1	0.00
46) Dimethylphthalate-d6	13.721	166	631181	19.451	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	795805	19.464	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	103354	19.750	ng/u1	0.00
60) Fluorene-d10	15.304	176	534484	19.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.415	200	66039	17.607	ng/u1	0.00
73) Anthracene-d10	17.139	188	868612	19.694	ng/u1	0.00
81) Pyrene-d10	19.421	212	1022520	18.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.238	264	1212274	19.526	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.022	88	30010	7.710	ng/uL	97
5) Pyridine	3.428	79	211349	19.736	ng/u1	90
6) Benzaldehyde	6.792	77	174543	22.869	ng/u1	92
8) Phenol	6.875	94	253950	19.258	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	201199	19.573	ng/u1	96
12) 2-Chlorophenol	7.239	128	182527	18.974	ng/u1	97
13) 2-Methylphenol	8.128	108	192996	19.103	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	270009	20.235	ng/u1#	92
16) Acetophenone	8.486	105	334177	20.621	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.475	70	183768	20.360	ng/u1#	87
18) 4-Methylphenol	8.457	108	210461	19.406	ng/u1	97
19) Hexachloroethane	8.763	117	78037	19.620	ng/u1	91
22) Nitrobenzene	8.863	77	225347	21.008	ng/u1	97
23) Isophorone	9.386	82	518869	19.641	ng/u1	97
25) 2-Nitrophenol	9.581	139	85814	20.679	ng/u1	95
26) 2,4-Dimethylphenol	9.651	107	248640	19.668	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	297203	19.691	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	184288	19.398	ng/u1	96
30) Naphthalene	10.516	128	642871	19.634	ng/u1	99
32) 4-Chloroaniline	10.616	127	294733	20.062	ng/u1	99
33) Hexachlorobutadiene	10.828	225	117666	18.933	ng/u1	98
34) Caprolactam	11.333	113	79135	19.497	ng/u1	92
35) 4-Chloro-3-methylphenol	11.757	107	234098	19.760	ng/u1	91
36) 2-Methylnaphthalene	12.127	142	455909	19.790	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	463266	19.756	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	236030	18.998	ng/ul#	97
40) Hexachlorocyclopentadiene	12.504	237	136070	18.430	ng/ul	99
41) 2,4,6-Trichlorophenol	12.751	196	151729	18.853	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	166196	19.634	ng/ul	98
43) 1,1'-Biphenyl	13.145	154	627209	19.346	ng/ul	98
44) 2-Chloronaphthalene	13.186	162	474850	19.305	ng/ul	95
45) 2-Nitroaniline	13.386	65	122391	22.115	ng/ul	95
47) Dimethylphthalate	13.763	163	629306	19.462	ng/ul	99
48) 2,6-Dinitrotoluene	13.874	165	96797	21.137	ng/ul	91
50) Acenaphthylene	14.033	152	818281	19.573	ng/ul	100
51) 3-Nitroaniline	14.210	138	111641	20.915	ng/ul#	94
52) Acenaphthene	14.380	153	532922	19.566	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	39434	16.612	ng/ul	94
55) 4-Nitrophenol	14.527	109	103024	20.559	ng/ul	94
56) Dibenzofuran	14.715	168	752115	19.613	ng/ul	97
57) 2,4-Dinitrotoluene	14.668	165	147657	22.140	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.945	232	137386	19.253	ng/ul#	93
59) Diethylphthalate	15.133	149	664087	19.714	ng/ul	99
61) Fluorene	15.363	166	611094	19.764	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	294104	19.418	ng/ul	92
63) 4-Nitroaniline	15.368	138	120646	21.817	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.433	198	66593	17.181	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	543207	19.131	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	180334	18.624	ng/ul	93
69) Hexachlorobenzene	16.374	284	209457	19.296	ng/ul	95
70) Atrazine	16.504	200	217760	19.856	ng/ul	99
71) Pentachlorophenol	16.709	266	116299	18.679	ng/ul	97
72) Phenanthrene	17.086	178	1022934	19.764	ng/ul	100
74) Anthracene	17.174	178	1045185	19.784	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.121	216	249734	18.551	ng/ul	98
76) Pentachlorobenzene	14.651	250	249308	18.764	ng/ul	99
77) Carbazole	17.439	167	998435	20.852	ng/ul	98
78) Di-n-butylphthalate	17.998	149	1197362	19.981	ng/ul	99
80) Fluoranthene	19.092	202	1272860	18.497	ng/ul	98
82) Pyrene	19.450	202	1299130	18.684	ng/ul	95
83) Butylbenzylphthalate	20.339	149	529968	19.433	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.121	252	479632	20.287	ng/ul	98
85) Benzo(a)anthracene	21.186	228	1313439	19.385	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.115	149	819243	19.789	ng/ul	99
87) Chrysene	21.239	228	1271285	19.401	ng/ul	99
89) Di-n-octyl phthalate	21.962	149	1450418	20.373	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	1429967	19.215	ng/ul	99
91) Benzo(k)fluoranthene	22.768	252	1332098	19.505	ng/ul	99
93) Benzo(a)pyrene	23.280	252	1401681	19.468	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.532	276	1657433	19.957	ng/ul	97
95) Dibenzo(a,h)anthracene	25.532	278	1408973	20.005	ng/ul	99
96) Benzo(g,h,i)perylene	26.191	276	1430396	20.061	ng/ul	98

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

