

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
 Data File : BM034149.D
 Acq On : 08 Mar 2022 13:08
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV045

Quant Time: Mar 08 13:46:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 13:09:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	146093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.813	136	605036	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.630	164	422741	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	925228	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.541	240	1011079	20.000	ng/ul	0.00
88) Perylene-d12	23.988	264	952411	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	21056	6.629	ng/uL	0.00
4) Pyridine-d5	3.790	84	167756	18.143	ng/ul	0.00
7) Phenol-d5	7.142	99	197134	17.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	120411	19.543	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	171125	18.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	171861	17.918	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	86041	18.354	ng/ul	0.00
24) 2-Nitrophenol-d4	9.883	143	95711	18.798	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.424	165	193651	18.443	ng/ul	0.00
31) 4-Chloroaniline-d4	10.936	131	249508	17.392	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	587098	18.302	ng/ul	0.00
49) Acenaphthylene-d8	14.324	160	738103	18.400	ng/ul	0.00
54) 4-Nitrophenol-d4	14.807	143	103522	17.343	ng/ul	0.00
60) Fluorene-d10	15.618	176	504101	17.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	98684	16.528	ng/ul	0.00
73) Anthracene-d10	17.471	188	800607	17.566	ng/ul	0.00
81) Pyrene-d10	19.759	212	963318	17.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.829	264	898243	17.779	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	21853	6.355	ng/uL#	72
5) Pyridine	3.813	79	142426	15.235	ng/ul#	69
6) Benzaldehyde	7.119	77	129808	22.095	ng/ul#	80
8) Phenol	7.172	94	197138	17.026	ng/ul#	79
10) Bis(2-Chloroethyl)ether	7.407	93	158521	17.642	ng/ul#	83
12) 2-Chlorophenol	7.554	128	174895	17.843	ng/ul#	80
13) 2-Methylphenol	8.431	108	156148	17.295	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.530	45	142931	17.921	ng/ul#	79
16) Acetophenone	8.819	105	258048	17.076	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.807	70	126550	18.332	ng/ul#	77
18) 4-Methylphenol	8.760	108	171162	17.358	ng/ul	95
19) Hexachloroethane	9.089	117	71876	17.832	ng/ul#	63
22) Nitrobenzene	9.195	77	191062	18.023	ng/ul#	84
23) Isophorone	9.730	82	350929	18.360	ng/ul#	92
25) 2-Nitrophenol	9.913	139	103092	18.581	ng/ul#	72
26) 2,4-Dimethylphenol	9.972	107	204333	18.208	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.213	93	215610	17.994	ng/ul#	96
29) 2,4-Dichlorophenol	10.448	162	185621	17.887	ng/ul	93
30) Naphthalene	10.860	128	577527	17.828	ng/ul	99
32) 4-Chloroaniline	10.960	127	251531	17.218	ng/ul	98
33) Hexachlorobutadiene	11.160	225	137014	17.337	ng/ul	97
34) Caprolactam	11.719	113	53847	17.244	ng/ul#	48
35) 4-Chloro-3-methylphenol	12.083	107	183694	18.116	ng/ul#	75
36) 2-Methylnaphthalene	12.466	142	423380	18.223	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.683	142	409212	17.190	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.836	216	248462	16.825	ng/ul#	95
40) Hexachlorocyclopentadiene	12.824	237	172745	17.327	ng/ul	97
41) 2,4,6-Trichlorophenol	13.065	196	163289	18.115	ng/ul	96
42) 2,4,5-Trichlorophenol	13.136	196	176616	17.765	ng/ul	93
43) 1,1'-Biphenyl	13.471	154	556008	16.893	ng/ul#	96
44) 2-Chloronaphthalene	13.513	162	455232	17.597	ng/ul	94
45) 2-Nitroaniline	13.707	65	107637	18.081	ng/ul#	63
47) Dimethylphthalate	14.083	163	577125	17.787	ng/ul	99
48) 2,6-Dinitrotoluene	14.201	165	124091	19.242	ng/ul#	82
50) Acenaphthylene	14.354	152	732037	18.099	ng/ul	99
51) 3-Nitroaniline	14.524	138	123175	20.882	ng/ul#	75
52) Acenaphthene	14.695	153	472387	17.640	ng/ul	95
53) 2,4-Dinitrophenol	14.724	184	65324	16.009	ng/ul#	71
55) 4-Nitrophenol	14.818	109	86017	16.616	ng/ul#	75
56) Dibenzofuran	15.030	168	683768	17.336	ng/ul	92
57) 2,4-Dinitrotoluene	14.983	165	172423	18.284	ng/ul#	64
58) 2,3,4,6-Tetrachlorophenol	15.254	232	158591	18.404	ng/ul#	85
59) Diethylphthalate	15.448	149	558679	17.541	ng/ul	97
61) Fluorene	15.677	166	561413	17.303	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.671	204	301556	17.263	ng/ul#	87
63) 4-Nitroaniline	15.683	138	127051	23.284	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.742	198	101077	16.764	ng/ul#	84
67) N-Nitrosodiphenylamine	15.877	169	485601	17.602	ng/ul	98
68) 4-Bromophenyl-phenylether	16.559	248	185688	18.357	ng/ul#	89
69) Hexachlorobenzene	16.683	284	229257	17.420	ng/ul#	87
70) Atrazine	16.824	200	184501	16.518	ng/ul	97
71) Pentachlorophenol	17.018	266	134962	16.159	ng/ul	97
72) Phenanthrene	17.412	178	900396	17.201	ng/ul	99
74) Anthracene	17.506	178	920340	17.399	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.436	216	246484	15.547	ng/uL	98
76) Pentachlorobenzene	14.954	250	263429	17.745	ng/uL	99
77) Carbazole	17.771	167	827184	17.537	ng/ul	99
78) Di-n-butylphthalate	18.342	149	912094	17.740	ng/ul	98
80) Fluoranthene	19.424	202	1091096	16.725	ng/ul#	92
82) Pyrene	19.789	202	1146172	16.985	ng/ul#	91
83) Butylbenzylphthalate	20.677	149	403903	17.491	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.459	252	421993	21.459	ng/ul	95
85) Benzo(a)anthracene	21.530	228	1183522	17.756	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.459	149	610859	18.072	ng/ul#	98
87) Chrysene	21.583	228	1101558	16.918	ng/ul	98
89) Di-n-octyl phthalate	22.400	149	981513	16.587	ng/ul	100
90) Benzo(b)fluoranthene	23.241	252	1134528	17.209	ng/ul#	97
91) Benzo(k)fluoranthene	23.294	252	1134754	18.316	ng/ul#	98
93) Benzo(a)pyrene	23.882	252	1080517	17.456	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.547	276	1066219	16.499	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.565	278	942412	16.903	ng/ul	97
96) Benzo(g,h,i)perylene	27.329	276	906964	16.795	ng/ul#	95

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

