

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
 Data File : BM027517.D
 Acq On : 24 Sep 2020 19:07
 Operator : JU/CG
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV09

Quant Time: Sep 24 20:22:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 20:21:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	120673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	464841	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.445	164	368537	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.186	188	870112	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.368	240	801999	20.00	ng/ul	# 0.00
86) Perylene-d12	23.638	264	729909	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	14288	6.74	ng/uL	0.00
5) Phenol-d5	6.969	99	141811	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	81744	17.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.339	132	120680	17.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.510	113	121246	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.963	128	59809	17.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.680	143	66633	18.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.216	165	165122	18.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.727	131	169119	18.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.857	166	495889	17.39	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	583481	17.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	68327	17.10	ng/ul	0.00
58) Fluorene-d10	15.433	176	446013	17.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	73180	15.53	ng/ul	0.00
71) Anthracene-d10	17.280	188	705317	17.18	ng/ul	0.00
79) Pyrene-d10	19.574	212	778621	18.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.491	264	666765	17.19	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	17087	6.83	ng/uL	92
4) Benzaldehyde	6.951	77	103978	19.49	ng/ul	87
6) Phenol	6.998	94	145106	17.92	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.234	93	113715	17.60	ng/ul	94
10) 2-Chlorophenol	7.375	128	123992	17.73	ng/ul	90
11) 2-Methylphenol	8.245	108	116572	18.25	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.334	45	90440	18.00	ng/ul	92
14) Acetophenone	8.628	105	200334	18.71	ng/ul	89
15) N-Nitroso-di-n-propyla...	8.616	70	102315	19.14	ng/ul#	92
16) 4-Methylphenol	8.569	108	126405	18.61	ng/ul	97
17) Hexachloroethane	8.892	117	57948	17.35	ng/ul#	61
20) Nitrobenzene	9.004	77	159755	17.04	ng/ul#	90
21) Isophorone	9.528	82	293030	18.16	ng/ul#	94
23) 2-Nitrophenol	9.710	139	72535	18.40	ng/ul	93
24) 2,4-Dimethylphenol	9.775	107	155332	17.75	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.016	93	164201	17.77	ng/ul	99
27) 2,4-Dichlorophenol	10.239	162	158559	17.83	ng/ul	95
28) Naphthalene	10.645	128	417367	17.58	ng/ul	98
30) 4-Chloroaniline	10.751	127	168504	18.86	ng/ul	100
31) Hexachlorobutadiene	10.939	225	152504	16.93	ng/ul	98
32) Caprolactam	11.504	113	21839	11.75	ng/ul	83
33) 4-Chloro-3-methylphenol	11.874	107	138870	18.95	ng/ul	91
34) 2-Methylnaphthalene	12.263	142	323232	17.93	ng/ul	96
35) 1-Methylnaphthalene	12.480	142	320010	18.15	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachloroben...	12.627	216	269872	16.12	ng/ul#	96
38) Hexachlorocyclopentadiene	12.616	237	167690	14.98	ng/ul	98
39) 2,4,6-Trichlorophenol	12.868	196	157546	17.40	ng/ul	98
40) 2,4,5-Trichlorophenol	12.933	196	167970	17.43	ng/ul	98
41) 1,1'-Biphenyl	13.274	154	469699	16.71	ng/ul#	98
42) 2-Chloronaphthalene	13.316	162	391131	16.66	ng/ul	96
43) 2-Nitroaniline	13.510	65	84243	17.87	ng/ul#	85
45) Dimethylphthalate	13.904	163	503984	17.32	ng/ul#	99
46) 2,6-Dinitrotoluene	14.015	165	100261	18.14	ng/ul#	83
48) Acenaphthylene	14.163	152	561026	17.29	ng/ul	98
49) 3-Nitroaniline	14.339	138	80140	18.29	ng/ul	85
50) Acenaphthene	14.510	153	391686	16.98	ng/ul	96
51) 2,4-Dinitrophenol	14.545	184	48239	15.19	ng/ul#	70
53) 4-Nitrophenol	14.639	109	74844	16.93	ng/ul#	82
54) Dibenzofuran	14.839	168	593661	17.11	ng/ul	96
55) 2,4-Dinitrotoluene	14.798	165	141111	18.69	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.062	232	152748	18.20	ng/ul#	86
57) Diethylphthalate	15.274	149	471440	17.66	ng/ul	95
59) Fluorene	15.492	166	479160	17.00	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.492	204	302181	17.05	ng/ul#	90
61) 4-Nitroaniline	15.504	138	84113	18.12	ng/ul	93
64) 4,6-Dinitro-2-methylph...	15.562	198	81562	15.81	ng/ul#	79
65) N-Nitrosodiphenylamine	15.698	169	416577	17.23	ng/ul	98
66) 4-Bromophenyl-phenylether	16.380	248	195918	16.90	ng/ul	92
67) Hexachlorobenzene	16.492	284	217917	16.67	ng/ul#	92
68) Atrazine	16.651	200	182531	17.28	ng/ul	97
69) Pentachlorophenol	16.833	266	117032	16.39	ng/ul	97
70) Phenanthrene	17.227	178	808256	17.18	ng/ul	99
72) Anthracene	17.315	178	822563	17.21	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.239	216	258761	16.13	ng/uL	97
74) Pentachlorobenzene	14.762	250	257429	16.48	ng/uL	96
75) Carbazole	17.586	167	642875	16.94	ng/ul	98
76) Di-n-butylphthalate	18.162	149	730706	17.81	ng/ul	99
77) Fluoranthene	19.239	202	995733	16.60	ng/ul#	92
80) Pyrene	19.603	202	1011500	18.53	ng/ul#	91
81) Butylbenzylphthalate	20.515	149	249848	19.60	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.286	252	293472	17.09	ng/ul#	99
83) Benzo(a)anthracene	21.350	228	897315	16.81	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	361320	18.44	ng/ul	96
85) Chrysene	21.403	228	869417	16.84	ng/ul	99
87) Di-n-octyl phthalate	22.191	149	570688	17.87	ng/ul	100
88) Benzo(b)fluoranthene	22.956	252	846608	17.51	ng/ul#	99
89) Benzo(k)fluoranthene	23.003	252	817582	16.94	ng/ul#	98
91) Benzo(a)pyrene	23.538	252	768976	17.21	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.932	276	934116	16.64	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.950	278	785581	16.64	ng/ul#	96
94) Benzo(g,h,i)perylene	26.632	276	771479	16.60	ng/ul#	95

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

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