

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027519.D
 Acq On : 25 Sep 2020 08:54
 Operator : JU/CG
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02010

Quant Time: Sep 25 10:46:19 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	78913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	295190	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	222908	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	505617	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	500120	20.00	ng/ul	# 0.00
86) Perylene-d12	23.633	264	519733	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	12615	9.10	ng/uL	0.00
5) Phenol-d5	6.969	99	102886	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.139	67	61304	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.339	132	86607	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	87110	20.20	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	42612	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.680	143	42264	18.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	116952	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.727	131	117342	20.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	326437	18.93	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	401396	19.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.621	143	43498	18.00	ng/ul	0.00
58) Fluorene-d10	15.433	176	304680	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	46366	16.94	ng/ul	0.00
71) Anthracene-d10	17.280	188	467024	19.58	ng/ul	0.00
79) Pyrene-d10	19.568	212	508295	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.485	264	515994	18.69	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	12919	7.90	ng/uL	97
4) Benzaldehyde	6.951	77	75678	21.69	ng/ul	89
6) Phenol	6.992	94	111337	21.03	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.234	93	85834	20.31	ng/ul	91
10) 2-Chlorophenol	7.375	128	94061	20.57	ng/ul#	89
11) 2-Methylphenol	8.239	108	86424	20.69	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.339	45	68058	20.72	ng/ul	94
14) Acetophenone	8.622	105	150190	21.44	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.610	70	76338	21.83	ng/ul#	89
16) 4-Methylphenol	8.569	108	91494	20.60	ng/ul	100
17) Hexachloroethane	8.886	117	42609	19.51	ng/ul#	60
20) Nitrobenzene	8.998	77	117019	19.65	ng/ul#	90
21) Isophorone	9.528	82	204757	19.98	ng/ul	94
23) 2-Nitrophenol	9.710	139	49514	19.78	ng/ul	91
24) 2,4-Dimethylphenol	9.769	107	116966	21.04	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.010	93	117166	19.96	ng/ul	97
27) 2,4-Dichlorophenol	10.239	162	115899	20.52	ng/ul	92
28) Naphthalene	10.645	128	302656	20.08	ng/ul	99
30) 4-Chloroaniline	10.751	127	120809	21.30	ng/ul	99
31) Hexachlorobutadiene	10.939	225	111097	19.42	ng/ul	97
32) Caprolactam	11.498	113	22454	19.02	ng/ul	87
33) 4-Chloro-3-methylphenol	11.869	107	94392	20.28	ng/ul	90
34) 2-Methylnaphthalene	12.257	142	244451	21.35	ng/ul	99
35) 1-Methylnaphthalene	12.480	142	221401	19.77	ng/ul	98
37) 1,2,4,5-Tetrachloroben...	12.627	216	200418	19.80	ng/ul#	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	128877	19.04	ng/ul	99
39) 2,4,6-Trichlorophenol	12.863	196	107885	19.70	ng/ul	99
40) 2,4,5-Trichlorophenol	12.933	196	119000	20.41	ng/ul	99
41) 1,1'-Biphenyl	13.274	154	338586	19.91	ng/ul#	96
42) 2-Chloronaphthalene	13.310	162	278945	19.64	ng/ul	96
43) 2-Nitroaniline	13.510	65	56490	19.82	ng/ul	87
45) Dimethylphthalate	13.898	163	336172	19.10	ng/ul#	99
46) 2,6-Dinitrotoluene	14.010	165	64881	19.40	ng/ul#	89
48) Acenaphthylene	14.163	152	391136	19.92	ng/ul	98
49) 3-Nitroaniline	14.333	138	52590	19.85	ng/ul	83
50) Acenaphthene	14.504	153	275414	19.74	ng/ul	98
51) 2,4-Dinitrophenol	14.539	184	31991	16.66	ng/ul#	69
53) 4-Nitrophenol	14.639	109	49821	18.63	ng/ul#	83
54) Dibenzofuran	14.839	168	421804	20.10	ng/ul	96
55) 2,4-Dinitrotoluene	14.798	165	88579	19.40	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.062	232	100350	19.77	ng/ul#	85
57) Diethylphthalate	15.268	149	312951	19.38	ng/ul	96
59) Fluorene	15.486	166	331803	19.46	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.486	204	209777	19.57	ng/ul	91
61) 4-Nitroaniline	15.498	138	53476	19.04	ng/ul	92
64) 4,6-Dinitro-2-methylph...	15.557	198	49298	16.45	ng/ul#	82
65) N-Nitrosodiphenylamine	15.698	169	286453	20.38	ng/ul	97
66) 4-Bromophenyl-phenylether	16.380	248	135137	20.06	ng/ul#	90
67) Hexachlorobenzene	16.486	284	148393	19.54	ng/ul	95
68) Atrazine	16.651	200	114328	18.63	ng/ul	96
69) Pentachlorophenol	16.827	266	75063	18.09	ng/ul	98
70) Phenanthrene	17.221	178	533288	19.51	ng/ul	100
72) Anthracene	17.315	178	551642	19.86	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.233	216	194212	20.83	ng/uL	100
74) Pentachlorobenzene	14.757	250	182480	20.10	ng/uL	97
75) Carbazole	17.580	167	435279	19.74	ng/ul	99
76) Di-n-butylphthalate	18.156	149	460916	19.33	ng/ul	99
77) Fluoranthene	19.239	202	645435	18.52	ng/ul#	92
80) Pyrene	19.597	202	658417	19.34	ng/ul#	92
81) Butylbenzylphthalate	20.509	149	150909	18.99	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.280	252	207637	19.39	ng/ul#	97
83) Benzo(a)anthracene	21.344	228	638683	19.19	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	234155	19.16	ng/ul	97
85) Chrysene	21.397	228	627968	19.51	ng/ul	99
87) Di-n-octyl phthalate	22.186	149	369685	16.26	ng/ul	100
88) Benzo(b)fluoranthene	22.950	252	653164	18.97	ng/ul#	98
89) Benzo(k)fluoranthene	22.997	252	618185	17.98	ng/ul#	98
91) Benzo(a)pyrene	23.533	252	573037	18.01	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.926	276	750513	18.78	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.944	278	630505	18.75	ng/ul#	96
94) Benzo(g,h,i)perylene	26.626	276	622052	18.80	ng/ul#	95

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

