

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
 Data File : BM027516.D
 Acq On : 24 Sep 2020 18:31
 Operator : JU/CG
 Sample : SSTD16002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16002

Quant Time: Sep 24 20:07:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 20:07:00 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	176202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.610	136	680168	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.451	164	477869	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.198	188	1184189	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.386	240	1429120	20.00	ng/ul	# 0.00
86) Perylene-d12	23.662	264	1354080	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	101826	32.89	ng/uL	0.00
5) Phenol-d5	7.004	99	1943822	169.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.163	67	1035577	153.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.363	132	1726681	173.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.545	113	1613389	167.52	ng/ul	0.00
19) Nitrobenzene-d5	8.987	128	798493	159.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.704	143	984960	187.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.245	165	2296026	171.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.751	131	2004189	150.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.880	166	6128488	165.75	ng/ul	0.00
47) Acenaphthylene-d8	14.157	160	7349564	165.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.692	143	917539	177.11	ng/ul	0.00
58) Fluorene-d10	15.457	176	5770159	173.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.598	200	1315294	205.14	ng/ul	0.00
71) Anthracene-d10	17.310	188	9229166	165.22	ng/ul	0.00
79) Pyrene-d10	19.592	212	11485569	154.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.533	264	12775176	177.59	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	115636	31.66	ng/uL	93
4) Benzaldehyde	6.963	77	966081	124.02	ng/ul	87
6) Phenol	7.034	94	1971684	166.77	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.263	93	1493312	158.26	ng/ul	90
10) 2-Chlorophenol	7.393	128	1743601	170.75	ng/ul#	88
11) 2-Methylphenol	8.263	108	1569714	168.30	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.357	45	1055485	143.89	ng/ul	98
14) Acetophenone	8.663	105	2493978	159.48	ng/ul	91
15) N-Nitroso-di-n-propyla...	8.681	70	1221802	156.50	ng/ul#	90
16) 4-Methylphenol	8.628	108	1631879	164.54	ng/ul	95
17) Hexachloroethane	8.898	117	726831	149.02	ng/ul#	51
20) Nitrobenzene	9.034	77	2013486	146.76	ng/ul#	89
21) Isophorone	9.581	82	3540825	149.94	ng/ul#	92
23) 2-Nitrophenol	9.739	139	1004159	174.08	ng/ul#	89
24) 2,4-Dimethylphenol	9.804	107	1998050	156.02	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.039	93	2024459	149.71	ng/ul	99
27) 2,4-Dichlorophenol	10.269	162	2172033	166.89	ng/ul#	93
28) Naphthalene	10.669	128	5395307	155.34	ng/ul	99
30) 4-Chloroaniline	10.781	127	1999697	153.00	ng/ul	99
31) Hexachlorobutadiene	10.951	225	2124042	161.12	ng/ul	98
32) Caprolactam	11.628	113	169340	62.55	ng/ul	91
33) 4-Chloro-3-methylphenol	11.922	107	1748492	163.02	ng/ul	90
34) 2-Methylnaphthalene	12.275	142	4235248	160.57	ng/ul	97
35) 1-Methylnaphthalene	12.498	142	4092371	158.60	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachloroben...	12.651	216	3700289	170.50	ng/ul#	95
38) Hexachlorocyclopentadiene	12.627	237	2608324	179.71	ng/ul	98
39) 2,4,6-Trichlorophenol	12.886	196	2143251	182.55	ng/ul	98
40) 2,4,5-Trichlorophenol	12.969	196	2274924	182.01	ng/ul	100
41) 1,1'-Biphenyl	13.298	154	5951795	163.27	ng/ul#	96
42) 2-Chloronaphthalene	13.339	162	4968292	163.16	ng/ul	96
43) 2-Nitroaniline	13.545	65	1100729	180.11	ng/ul#	81
45) Dimethylphthalate	13.933	163	6145325	162.88	ng/ul#	99
46) 2,6-Dinitrotoluene	14.057	165	1349778	188.30	ng/ul#	81
48) Acenaphthylene	14.186	152	7025755	166.94	ng/ul	96
49) 3-Nitroaniline	14.380	138	911664	160.49	ng/ul	83
50) Acenaphthene	14.527	153	5001580	167.25	ng/ul	99
51) 2,4-Dinitrophenol	14.580	184	889839	216.12	ng/ul#	74
53) 4-Nitrophenol	14.710	109	1008980	176.03	ng/ul#	79
54) Dibenzofuran	14.863	168	7507864	166.92	ng/ul	96
55) 2,4-Dinitrotoluene	14.839	165	1902753	194.39	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.086	232	2152546	197.82	ng/ul#	84
57) Diethylphthalate	15.304	149	5776745	166.87	ng/ul#	92
59) Fluorene	15.516	166	6157411	168.43	ng/ul	100
60) 4-Chlorophenyl-phenyle...	15.504	204	3868603	168.32	ng/ul	91
61) 4-Nitroaniline	15.574	138	971884	161.43	ng/ul#	81
64) 4,6-Dinitro-2-methylph...	15.610	198	1393200	198.45	ng/ul#	82
65) N-Nitrosodiphenylamine	15.727	169	5284187	160.56	ng/ul	99
66) 4-Bromophenyl-phenylether	16.398	248	2669346	169.17	ng/ul#	90
67) Hexachlorobenzene	16.510	284	2859066	160.71	ng/ul#	89
68) Atrazine	16.692	200	2397803	166.80	ng/ul	95
69) Pentachlorophenol	16.851	266	1829548	188.31	ng/ul	98
70) Phenanthrene	17.251	178	10441667	163.12	ng/ul	98
72) Anthracene	17.345	178	10636494	163.48	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.251	216	3518745	161.14	ng/uL	99
74) Pentachlorobenzene	14.780	250	3424758	161.09	ng/uL	97
75) Carbazole	17.609	167	8550617	165.60	ng/ul	98
76) Di-n-butylphthalate	18.174	149	9529856	170.69	ng/ul	99
77) Fluoranthene	19.256	202	13685818	167.63	ng/ul#	93
80) Pyrene	19.627	202	13311132	136.83	ng/ul#	95
81) Butylbenzylphthalate	20.527	149	4427243	194.94	ng/ul#	84
82) 3,3'-Dichlorobenzidine	21.303	252	4260662	139.20	ng/ul#	98
83) Benzo(a)anthracene	21.368	228	14230194	149.63	ng/ul	92
84) Bis(2-ethylhexyl)phtha...	21.309	149	6259227	179.26	ng/ul#	91
85) Chrysene	21.368	228	14230194	154.72	ng/ul	95
87) Di-n-octyl phthalate	22.209	149	11208161	189.16	ng/ul	100
88) Benzo(b)fluoranthene	22.997	252	16511849	184.05	ng/ul#	98
89) Benzo(k)fluoranthene	23.044	252	13978942	156.09	ng/ul#	96
91) Benzo(a)pyrene	23.597	252	14282689	172.27	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.050	276	18292644	175.68	ng/ul#	95
93) Dibenzo(a,h)anthracene	26.050	278	15256152	174.15	ng/ul#	96
94) Benzo(g,h,i)perylene	26.744	276	14958529	173.54	ng/ul#	94

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

