

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
 Data File : BM027511.D
 Acq On : 24 Sep 2020 15:29
 Operator : JU/CG
 Sample : SST00503
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00503

Quant Time: Sep 24 19:54:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 19:51:19 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	89660	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	311733	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	225865	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	519894	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	543328	20.00	ng/ul	# 0.00
86) Perylene-d12	23.639	264	533438	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	3614	2.29	ng/uL	0.00
5) Phenol-d5	6.963	99	28106	4.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	17699	5.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	24677	4.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	22894	4.67	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	11449	4.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	11070	4.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	28184	4.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	29611	4.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	86625	4.96	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	103283	4.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.621	143	10247	4.18	ng/ul	0.00
58) Fluorene-d10	15.433	176	77690	4.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	10241	3.64	ng/ul	0.00
71) Anthracene-d10	17.280	188	122795	5.01	ng/ul	0.00
79) Pyrene-d10	19.568	212	135593	4.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.491	264	134801	4.76	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	3975	2.14	ng/uL#	93
4) Benzaldehyde	6.951	77	22665	5.72	ng/ul	92
6) Phenol	6.993	94	29483	4.90	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.234	93	24492	5.10	ng/ul	93
10) 2-Chlorophenol	7.369	128	24797	4.77	ng/ul#	90
11) 2-Methylphenol	8.240	108	22058	4.65	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.334	45	19999	5.36	ng/ul	92
14) Acetophenone	8.622	105	39917	5.02	ng/ul	94
15) N-Nitroso-di-n-propyla...	8.610	70	19241	4.84	ng/ul#	83
16) 4-Methylphenol	8.563	108	23292	4.62	ng/ul	94
17) Hexachloroethane	8.887	117	11973	4.82	ng/ul#	53
20) Nitrobenzene	8.998	77	31424	5.00	ng/ul	93
21) Isophorone	9.522	82	53861	4.98	ng/ul	97
23) 2-Nitrophenol	9.710	139	11920	4.51	ng/ul#	85
24) 2,4-Dimethylphenol	9.769	107	28508	4.86	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.010	93	30837	4.98	ng/ul	98
27) 2,4-Dichlorophenol	10.239	162	28693	4.81	ng/ul#	94
28) Naphthalene	10.645	128	79934	5.02	ng/ul	96
30) 4-Chloroaniline	10.751	127	29855	4.98	ng/ul	94
31) Hexachlorobutadiene	10.939	225	29792	4.93	ng/ul	97
33) 4-Chloro-3-methylphenol	11.869	107	23212	4.72	ng/ul	91
34) 2-Methylnaphthalene	12.257	142	60577	5.01	ng/ul	95
35) 1-Methylnaphthalene	12.480	142	59278	5.01	ng/ul	99
37) 1,2,4,5-Tetrachloroben...	12.627	216	51158	4.99	ng/ul#	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	30304	4.42	ng/ul	96
39) 2,4,6-Trichlorophenol	12.863	196	24937	4.49	ng/ul	98
40) 2,4,5-Trichlorophenol	12.933	196	27599	4.67	ng/ul	98
41) 1,1'-Biphenyl	13.274	154	84471	4.90	ng/ul	97
42) 2-Chloronaphthalene	13.310	162	71743	4.98	ng/ul	96
43) 2-Nitroaniline	13.510	65	12686	4.39	ng/ul#	81
45) Dimethylphthalate	13.898	163	87802	4.92	ng/ul	99
46) 2,6-Dinitrotoluene	14.010	165	14977	4.42	ng/ul	87
48) Acenaphthylene	14.163	152	100648	5.06	ng/ul	99
49) 3-Nitroaniline	14.333	138	11508	4.29	ng/ul#	77
50) Acenaphthene	14.504	153	70681	5.00	ng/ul	95
51) 2,4-Dinitrophenol	14.539	184	6869	3.53	ng/ul#	58
53) 4-Nitrophenol	14.633	109	11470	4.23	ng/ul	86
54) Dibenzofuran	14.839	168	107834	5.07	ng/ul	94
55) 2,4-Dinitrotoluene	14.792	165	19368	4.19	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.063	232	22913	4.46	ng/ul#	84
57) Diethylphthalate	15.268	149	79027	4.83	ng/ul	97
59) Fluorene	15.486	166	86311	5.00	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.486	204	53424	4.92	ng/ul	92
61) 4-Nitroaniline	15.492	138	12837	4.51	ng/ul#	90
64) 4,6-Dinitro-2-methylph...	15.557	198	11350	3.68	ng/ul#	82
65) N-Nitrosodiphenylamine	15.698	169	71678	4.96	ng/ul	96
66) 4-Bromophenyl-phenylether	16.380	248	34131	4.93	ng/ul#	90
67) Hexachlorobenzene	16.492	284	38567	4.94	ng/ul	92
68) Atrazine	16.651	200	28374	4.50	ng/ul	93
69) Pentachlorophenol	16.827	266	16581	3.89	ng/ul	89
70) Phenanthrene	17.221	178	142475	5.07	ng/ul	98
72) Anthracene	17.315	178	144039	5.04	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.233	216	47130	4.92	ng/uL	98
74) Pentachlorobenzene	14.757	250	46419	4.97	ng/uL	96
75) Carbazole	17.580	167	110101	4.86	ng/ul	98
76) Di-n-butylphthalate	18.162	149	111604	4.55	ng/ul	98
77) Fluoranthene	19.239	202	173122	4.83	ng/ul#	92
80) Pyrene	19.598	202	182300	4.93	ng/ul#	92
81) Butylbenzylphthalate	20.515	149	33670	3.90	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.280	252	49966	4.29	ng/ul#	98
83) Benzo(a)anthracene	21.350	228	176125	4.87	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	53950	4.06	ng/ul#	97
85) Chrysene	21.397	228	171533	4.91	ng/ul	98
87) Di-n-octyl phthalate	22.192	149	83799	3.59	ng/ul	100
88) Benzo(b)fluoranthene	22.950	252	170175	4.82	ng/ul#	97
89) Benzo(k)fluoranthene	22.997	252	174560	4.95	ng/ul#	98
91) Benzo(a)pyrene	23.539	252	158328	4.85	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.932	276	197489	4.81	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.944	278	165487	4.80	ng/ul#	94
94) Benzo(g,h,i)perylene	26.632	276	160486	4.73	ng/ul#	95

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

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