

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
 Data File : BM027514.D
 Acq On : 24 Sep 2020 17:18
 Operator : JU/CG
 Sample : SST04006
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST04006

Manual Integrations
 APPROVED

mohammad
 9/28/2020 2:20:07 PM

Quant Time: Sep 24 19:59:17 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	92793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	346885	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.445	164	251607	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.186	188	559337	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.368	240	515310	20.00	ng/ul	# 0.00
86) Perylene-d12	23.638	264	511194	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	25278	15.50	ng/uL	0.00
5) Phenol-d5	6.975	99	252434	41.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	149644	42.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.345	132	220622	42.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.510	113	216496	42.69	ng/ul	0.00
19) Nitrobenzene-d5	8.963	128	106341	41.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.680	143	114786	42.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.216	165	292054	42.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.727	131	286821	42.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.857	166	796559	40.92	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	952105	40.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.633	143	108192	39.66	ng/ul	0.00
58) Fluorene-d10	15.439	176	707910	40.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.551	200	121657	40.17	ng/ul	0.00
71) Anthracene-d10	17.286	188	1067791	40.47	ng/ul	0.00
79) Pyrene-d10	19.574	212	1161167	43.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.497	264	1143789	42.12	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.346	88	29688	15.43	ng/uL	96
4) Benzaldehyde	6.951	77	184735	45.03	ng/ul	91
6) Phenol	6.998	94	263232	42.28	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.239	93	207235	41.70	ng/ul	94
10) 2-Chlorophenol	7.375	128	228318	42.46	ng/ul	90
11) 2-Methylphenol	8.245	108	207644	42.27	ng/ul	96
12) 2,2'-oxybis(1-Chloropr...	8.339	45	166726	43.16	ng/ul	95
14) Acetophenone	8.628	105	340674	41.37	ng/ul	94
15) N-Nitroso-di-n-propyla...	8.622	70	175605	42.71	ng/ul#	89
16) 4-Methylphenol	8.575	108	222799	42.66	ng/ul	96
17) Hexachloroethane	8.892	117	106266	41.37	ng/ul#	61
20) Nitrobenzene	9.004	77	289486	41.37	ng/ul#	89
21) Isophorone	9.533	82	505957	42.01	ng/ul#	93
23) 2-Nitrophenol	9.716	139	128060	43.53	ng/ul#	89
24) 2,4-Dimethylphenol	9.775	107	273513	41.88	ng/ul	99
25) Bis(2-Chloroethoxy)met...	10.016	93	284815	41.30	ng/ul	99
27) 2,4-Dichlorophenol	10.245	162	277706	41.84	ng/ul	96
28) Naphthalene	10.651	128	723984	40.87	ng/ul	98
30) 4-Chloroaniline	10.757	127	281239	42.19	ng/ul	100
31) Hexachlorobutadiene	10.939	225	271272	40.35	ng/ul	97
32) Caprolactam	11.516	113	58141m	42.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.874	107	235494	43.05	ng/ul	92
34) 2-Methylnaphthalene	12.263	142	556020	41.33	ng/ul	96
35) 1-Methylnaphthalene	12.480	142	541386	41.14	ng/ul	98
37) 1,2,4,5-Tetrachloroben...	12.627	216	469972	41.13	ng/ul#	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	313588	41.03	ng/ul	100
39) 2,4,6-Trichlorophenol	12.868	196	270067	43.69	ng/ul	97
40) 2,4,5-Trichlorophenol	12.939	196	281313	42.75	ng/ul	100
41) 1,1'-Biphenyl	13.280	154	784071	40.85	ng/ul#	97
42) 2-Chloronaphthalene	13.316	162	662262	41.31	ng/ul	95
43) 2-Nitroaniline	13.515	65	142307	44.22	ng/ul#	86
45) Dimethylphthalate	13.904	163	808039	40.68	ng/ul	99
46) 2,6-Dinitrotoluene	14.015	165	163144	43.23	ng/ul	87
48) Acenaphthylene	14.163	152	891592	40.24	ng/ul	98
49) 3-Nitroaniline	14.339	138	124656	41.68	ng/ul	88
50) Acenaphthene	14.510	153	639620	40.62	ng/ul	98
51) 2,4-Dinitrophenol	14.545	184	81057	37.39	ng/ul#	72
53) 4-Nitrophenol	14.645	109	119966	39.75	ng/ul	84
54) Dibenzofuran	14.845	168	955950	40.37	ng/ul	96
55) 2,4-Dinitrotoluene	14.804	165	221219	42.92	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.068	232	242801	42.38	ng/ul#	84
57) Diethylphthalate	15.274	149	752248	41.27	ng/ul	96
59) Fluorene	15.492	166	766937	39.84	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.492	204	486685	40.22	ng/ul	92
61) 4-Nitroaniline	15.504	138	124655	39.33	ng/ul	90
64) 4,6-Dinitro-2-methylph...	15.562	198	134744	40.63	ng/ul#	83
65) N-Nitrosodiphenylamine	15.704	169	649063	41.75	ng/ul	99
66) 4-Bromophenyl-phenylether	16.386	248	316591	42.48	ng/ul#	88
67) Hexachlorobenzene	16.492	284	348951	41.53	ng/ul	94
68) Atrazine	16.656	200	277471	40.86	ng/ul	97
69) Pentachlorophenol	16.833	266	184658	40.24	ng/ul	99
70) Phenanthrene	17.227	178	1218342	40.30	ng/ul	99
72) Anthracene	17.321	178	1229237	40.00	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.239	216	438967	42.56	ng/uL	97
74) Pentachlorobenzene	14.762	250	429758	42.80	ng/uL	99
75) Carbazole	17.586	167	969768	39.76	ng/ul	99
76) Di-n-butylphthalate	18.162	149	1106771	41.97	ng/ul	99
77) Fluoranthene	19.239	202	1481826	38.43	ng/ul#	93
80) Pyrene	19.603	202	1478620	42.15	ng/ul#	91
81) Butylbenzylphthalate	20.515	149	381752	46.62	ng/ul	89
82) 3,3'-Dichlorobenzidine	21.286	252	485040	43.95	ng/ul#	98
83) Benzo(a)anthracene	21.350	228	1413114	41.21	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	568474	45.15	ng/ul	98
85) Chrysene	21.403	228	1366353	41.20	ng/ul	99
87) Di-n-octyl phthalate	22.197	149	918199	41.05	ng/ul	100
88) Benzo(b)fluoranthene	22.956	252	1404171	41.46	ng/ul#	98
89) Benzo(k)fluoranthene	23.003	252	1431172	42.33	ng/ul#	98
91) Benzo(a)pyrene	23.544	252	1304130	41.67	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.944	276	1652447	42.04	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.962	278	1382615	41.81	ng/ul#	96
94) Benzo(g,h,i)perylene	26.644	276	1368478	42.06	ng/ul#	95

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

