

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092018\
 Data File : VR025777.D
 Acq On : 20 Sep 2018 14:46
 Operator : SY/MD
 Sample : VSTD00115
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00115

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 5:09:19 PM

Quant Time: Sep 20 15:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 12:33:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	549015	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	436099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	164959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	24276	1.02	ug/L	0.00
7) Chloroethane-d5	2.62	69	21688	1.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.62	63	65493	1.00	ug/L	0.00
20) 2-Butanone-d5	6.59	46	40903	16.98	ug/L	0.00
24) Chloroform-d	7.20	84	65339	1.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	28325	1.53	ug/L	0.00
32) Benzene-d6	7.85	84	106421	0.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	33885	1.07	ug/L	0.00
41) Toluene-d8	9.97	98	85952	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	10830	1.38	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	36622	15.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	16762	1.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	21746	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	62124	2.219 ug/L	89
3) Chloromethane	2.01	50	64859	1.887 ug/L	85
5) Vinyl chloride	2.16	62	60256	1.764 ug/L	98
6) Bromomethane	2.52	94	31913	1.305 ug/L	92
8) Chloroethane	2.65	64	34485	1.719 ug/L	97
9) Trichlorofluoromethane	2.93	101	68011m	1.080 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	42078	1.240 ug/L	98
12) 1,1-Dichloroethene	3.63	96	45680	1.275 ug/L	92
13) Acetone	3.70	43	21695	13.361 ug/L	94
14) Carbon disulfide	3.93	76	142926	1.691 ug/L	98
15) Methyl Acetate	4.20	43	8403	1.451 ug/L	94
16) Methylene chloride	4.40	84	38571	1.216 ug/L	98
17) Methyl tert-butyl Ether	4.90	73	88353	2.005 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	55878	1.276 ug/L	92
19) 1,1-Dichloroethane	5.69	63	112174	1.662 ug/L	100
21) 2-Butanone	6.69	43	61160	17.847 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	55781	1.465 ug/L #	92
23) Bromochloromethane	7.06	128	14679	1.123 ug/L	74
25) Chloroform	7.23	83	105209	1.706 ug/L	99
27) 1,2-Dichloroethane	7.99	62	51718	2.125 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	96524	2.222 ug/L	99
30) Cyclohexane	7.52	56	104628	2.004 ug/L	98
31) Carbon tetrachloride	7.63	117	81169	1.928 ug/L	99
33) Benzene	7.91	78	224667	1.446 ug/L	100
34) Trichloroethene	8.71	95	61787	1.641 ug/L	93
35) Methylcyclohexane	8.96	83	98538	1.695 ug/L	96
37) 1,2-Dichloropropane	9.00	63	49736	1.420 ug/L	100
38) Bromodichloromethane	9.28	83	60364	1.919 ug/L	93
39) cis-1,3-Dichloropropene	9.72	75	65769	1.836 ug/L	94
40) 4-Methyl-2-pentanone	9.87	43	171985	19.864 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	230655	1.450	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	47181	1.873	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	20775	1.266	ug/L	92
47) Tetrachloroethene	10.51	164	34335	1.113	ug/L	97
48) 2-Hexanone	10.63	43	114932	18.928	ug/L	98
49) Dibromochloromethane	10.78	129	25262	1.446	ug/L	98
50) 1,2-Dibromoethane	10.88	107	19194	1.473	ug/L	98
51) Chlorobenzene	11.32	112	124203	1.242	ug/L	99
52) Ethylbenzene	11.39	91	271396	1.584	ug/L	96
53) m,p-Xylene	11.50	106	97747	1.418	ug/L	100
54) o-Xylene	11.83	106	91726	1.510	ug/L	97
55) Styrene	11.84	104	136516	1.396	ug/L	97
56) Isopropylbenzene	12.13	105	256745	1.696	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	21661	1.356	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	18010	1.676	ug/L	98
61) Bromoform	12.01	173	8975	1.272	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	78665	1.527	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	72908	1.244	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	58046	1.306	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	3454	2.642	ug/L	89
67) 1,3,5-Trichlorobenzene	14.29	180	42852	1.399	ug/L	96
68) 1,2,4-trichlorobenzene	14.78	180	28186	1.500	ug/L	98
69) Naphthalene	15.00	128	40667	1.935	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	20225	1.360	ug/L	98

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

