

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
 Data File : VR025798.D
 Acq On : 21 Sep 2018 13:25
 Operator : SY/MD
 Sample : VSTD0.519
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.519

Quant Time: Sep 21 15:32:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 15:32:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	588526	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	460305	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	160893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	23608	0.94	ug/L	0.00
7) Chloroethane-d5	2.62	69	18677	0.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	57603	0.83	ug/L	0.00
20) 2-Butanone-d5	6.59	46	27552	6.11	ug/L	0.00
24) Chloroform-d	7.20	84	44827	0.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	19002	0.64	ug/L	0.00
32) Benzene-d6	7.85	84	90691	0.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	24210	0.69	ug/L	0.00
41) Toluene-d8	9.97	98	78513	0.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	5833	0.46	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	20943	5.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	8430	0.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	14506	0.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	33649	0.503 ug/L	96
3) Chloromethane	2.00	50	39206	0.595 ug/L	98
5) Vinyl chloride	2.15	62	36184	0.576 ug/L #	81
6) Bromomethane	2.51	94	22112	0.666 ug/L	77
8) Chloroethane	2.65	64	21291	0.616 ug/L	100
9) Trichlorofluoromethane	2.94	101	43544	0.600 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	28331	0.645 ug/L	99
12) 1,1-Dichloroethene	3.63	96	29959	0.631 ug/L #	72
13) Acetone	3.70	43	19050	7.947 ug/L	84
14) Carbon disulfide	3.93	76	74038	0.473 ug/L	98
15) Methyl Acetate	4.19	43	6813	0.653 ug/L	97
16) Methylene chloride	4.40	84	27954	0.694 ug/L	92
17) Methyl tert-butyl Ether	4.89	73	47329	0.513 ug/L #	91
18) trans-1,2-Dichloroethene	4.88	96	31340	0.534 ug/L	93
19) 1,1-Dichloroethane	5.68	63	64263	0.541 ug/L	98
21) 2-Butanone	6.69	43	42501	6.549 ug/L	94
22) cis-1,2-Dichloroethene	6.67	96	31758	0.544 ug/L #	85
23) Bromochloromethane	7.05	128	8562	0.539 ug/L #	84
25) Chloroform	7.23	83	59649	0.543 ug/L	96
27) 1,2-Dichloroethane	7.99	62	29169	0.530 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	49293	0.488 ug/L	98
30) Cyclohexane	7.51	56	63052	0.563 ug/L	98
31) Carbon tetrachloride	7.63	117	40603	0.465 ug/L	100
33) Benzene	7.90	78	136917	0.590 ug/L	100
34) Trichloroethene	8.71	95	35515	0.553 ug/L	96
35) Methylcyclohexane	8.95	83	60060	0.570 ug/L	97
37) 1,2-Dichloropropane	8.99	63	29789	0.589 ug/L #	96
38) Bromodichloromethane	9.28	83	30430	0.483 ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	31029	0.443 ug/L	87
40) 4-Methyl-2-pentanone	9.87	43	99714	5.572 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	137426	0.583	ug/L	97
44) trans-1,3-Dichloropropene	10.27	75	20690	0.402	ug/L	88
45) 1,1,2-Trichloroethane	10.45	97	11999	0.546	ug/L	92
47) Tetrachloroethene	10.51	164	20310	0.534	ug/L	99
48) 2-Hexanone	10.64	43	61420	5.156	ug/L	99
49) Dibromochloromethane	10.78	129	10266	0.374	ug/L	94
50) 1,2-Dibromoethane	10.89	107	10598	0.529	ug/L #	87
51) Chlorobenzene	11.32	112	71993	0.559	ug/L	97
52) Ethylbenzene	11.39	91	158387	0.575	ug/L	97
53) m,p-Xylene	11.50	106	57368	0.563	ug/L	100
54) o-Xylene	11.83	106	51391	0.547	ug/L	98
55) Styrene	11.84	104	77435	0.532	ug/L	98
56) Isopropylbenzene	12.13	105	145683	0.559	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	11674	0.510	ug/L	86
59) 1,2,3-Trichloropropane	12.43	75	9530	0.521	ug/L	92
61) Bromoform	12.01	173	3488	0.348	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	40786	0.544	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	40329	0.571	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	31625	0.566	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	1402	0.432	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	23676	0.555	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	14776	0.528	ug/L	96
69) Naphthalene	15.00	128	18961	0.453	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	10757	0.537	ug/L	94

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

