

Data File : VU027771.D
Acq On : 24 Oct 2018 08:58
Operator : MD/SY
Sample : VSTD00143
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00143

Quant Time: Oct 25 04:15:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:12:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	40560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	39551	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	19643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	3444	1.04	ug/L	0.00
7) Chloroethane-d5	1.68	69	2555	1.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	6269	0.99	ug/L	0.00
20) 2-Butanone-d5	4.22	46	10046	9.99	ug/L	0.02
24) Chloroform-d	4.66	84	5687	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	3513	1.00	ug/L	0.00
32) Benzene-d6	5.35	84	10383	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	3584	0.96	ug/L	0.00
41) Toluene-d8	7.57	98	9903	0.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	1457	0.96	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	8062	9.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	2815	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	3609	0.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	3818	0.971 ug/L	95
3) Chloromethane	1.33	50	4490	1.017 ug/L	98
5) Vinyl chloride	1.41	62	4204	0.989 ug/L	97
6) Bromomethane	1.64	94	2222	1.020 ug/L	89
8) Chloroethane	1.70	64	2158	0.939 ug/L #	81
9) Trichlorofluoromethane	1.89	101	5839	1.039 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2957	1.042 ug/L	97
12) 1,1-Dichloroethene	2.29	96	2588	0.979 ug/L	80
13) Acetone	2.36	43	7805	10.770 ug/L	95
14) Carbon disulfide	2.48	76	8944	0.985 ug/L	96
15) Methyl Acetate	2.63	43	2231	1.100 ug/L #	72
16) Methylene chloride	2.71	84	3152	1.011 ug/L	93
17) Methyl tert-butyl Ether	3.01	73	8678	1.025 ug/L #	91
18) trans-1,2-Dichloroethene	2.99	96	2936	1.036 ug/L	94
19) 1,1-Dichloroethane	3.45	63	6483	1.035 ug/L	95
21) 2-Butanone	4.30	43	12340	10.378 ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	3307	0.983 ug/L	96
23) Bromochloromethane	4.56	128	1313	0.962 ug/L	97
25) Chloroform	4.68	83	6276	0.995 ug/L	99
27) 1,2-Dichloroethane	5.41	62	4658	1.000 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	5902	1.037 ug/L	95
30) Cyclohexane	5.00	56	6401	1.005 ug/L #	91
31) Carbon tetrachloride	5.13	117	4976	1.019 ug/L	100
33) Benzene	5.39	78	13529	1.029 ug/L	100
34) Trichloroethene	6.19	95	3410	1.001 ug/L	97
35) Methylcyclohexane	6.42	83	5653	0.993 ug/L	95
37) 1,2-Dichloropropane	6.44	63	3889	1.008 ug/L #	90
38) Bromodichloromethane	6.76	83	4657	1.011 ug/L #	98
39) cis-1,3-Dichloropropene	7.28	75	5411	0.979 ug/L	92
40) 4-Methyl-2-pentanone	7.47	43	28848	9.999 ug/L	98

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42) Toluene	7.64	91	14097	0.996	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	4541	0.976	ug/L	91
45) 1,1,2-Trichloroethane	8.07	97	2144	0.921	ug/L	94
47) Tetrachloroethene	8.23	164	2831	1.023	ug/L	96
48) 2-Hexanone	8.37	43	20470	9.986	ug/L	99
49) Dibromochloromethane	8.48	129	2734	0.921	ug/L	90
50) 1,2-Dibromoethane	8.59	107	2252	0.995	ug/L #	96
51) Chlorobenzene	9.12	112	8778	1.008	ug/L	97
52) Ethylbenzene	9.25	91	16427	1.001	ug/L	98
53) m,p-xylene	9.38	106	5779	0.994	ug/L	92
54) o-xylene	9.78	106	5712	1.006	ug/L	94
55) Styrene	9.79	104	9404	0.978	ug/L	96
56) Isopropylbenzene	10.17	105	15508	0.986	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	2911	0.950	ug/L #	97
59) 1,2,3-Trichloropropane	10.49	75	2591	1.066	ug/L	99
61) Bromoform	9.96	173	1500	0.908	ug/L #	93
62) 1,3-Dichlorobenzene	11.42	146	6864	0.994	ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	6863	0.984	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	6436	0.991	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	411	0.794	ug/L #	74
67) 1,3,5-Trichlorobenzene	12.89	180	5335	0.963	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	4510	0.937	ug/L	95
69) Naphthalene	13.75	128	7355	0.941	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	4160	0.938	ug/L	93

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

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