

Data File : VU029280.D
Acq On : 25 Jan 2019 10:54
Operator : JC/SP
Sample : VSTD00544
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00544

Quant Time: Jan 28 01:33:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 01:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	68173	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	71663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30864	4.78	ug/L	0.00
7) Chloroethane-d5	1.68	69	24187	5.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	56126	4.90	ug/L	0.00
20) 2-Butanone-d5	4.19	46	68172	51.21	ug/L	0.00
24) Chloroform-d	4.65	84	53152	5.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	28651	4.89	ug/L	0.00
32) Benzene-d6	5.34	84	100134	4.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	29551	4.84	ug/L	0.00
41) Toluene-d8	7.56	98	96052	5.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	14145	5.20	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	63914	51.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26843	4.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	36761	4.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	46643	4.944 ug/L	100
3) Chloromethane	1.32	50	39400	4.762 ug/L	100
5) Vinyl chloride	1.40	62	39264	4.746 ug/L	100
6) Bromomethane	1.63	94	21281	4.777 ug/L	100
8) Chloroethane	1.70	64	21651	4.684 ug/L	100
9) Trichlorofluoromethane	1.88	101	53767	4.887 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	27207	4.864 ug/L	100
12) 1,1-Dichloroethene	2.28	96	25110	4.870 ug/L	100
13) Acetone	2.33	43	46213	46.369 ug/L	100
14) Carbon disulfide	2.48	76	84514	4.733 ug/L	100
15) Methyl Acetate	2.62	43	11262	4.715 ug/L	100
16) Methylene chloride	2.70	84	26772	4.424 ug/L	100
17) Methyl tert-butyl Ether	3.00	73	65675	4.907 ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	26482	4.733 ug/L	100
19) 1,1-Dichloroethane	3.44	63	47948	4.803 ug/L	100
21) 2-Butanone	4.28	43	70960	49.190 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	28215	5.016 ug/L	100
23) Bromochloromethane	4.55	128	12694	4.967 ug/L	100
25) Chloroform	4.67	83	51745	4.950 ug/L	100
27) 1,2-Dichloroethane	5.40	62	36055	5.036 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	46468	4.783 ug/L	100
30) Cyclohexane	4.99	56	41227	4.719 ug/L	100
31) Carbon tetrachloride	5.13	117	40447	4.880 ug/L	100
33) Benzene	5.39	78	109036	4.878 ug/L	100
34) Trichloroethene	6.18	95	28263	4.776 ug/L	100
35) Methylcyclohexane	6.41	83	44148	4.665 ug/L	100
37) 1,2-Dichloropropane	6.43	63	27890	4.728 ug/L	100
38) Bromodichloromethane	6.76	83	36708	4.709 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	41115	4.849 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	173884	48.848 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	117798	4.884	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	37021	5.021	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	20356	4.801	ug/L	100
47) Tetrachloroethene	8.22	164	25051	4.822	ug/L	100
48) 2-Hexanone	8.36	43	129250	49.820	ug/L	100
49) Dibromochloromethane	8.48	129	25246	4.796	ug/L	100
50) 1,2-Dibromoethane	8.58	107	19351	4.717	ug/L	100
51) Chlorobenzene	9.12	112	75423	4.757	ug/L	100
52) Ethylbenzene	9.25	91	128065	4.839	ug/L	100
53) m,p-xylene	9.37	106	49156	4.889	ug/L	100
54) o-xylene	9.78	106	45753	4.783	ug/L	100
55) Styrene	9.79	104	82819	4.976	ug/L	100
56) Isopropylbenzene	10.16	105	125225	4.859	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	25863	4.680	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	19006	4.677	ug/L	100
61) Bromoform	9.95	173	15262	4.830	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	61413	4.833	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	64366	4.750	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	60335	4.838	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	4446	5.010	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	51739	4.831	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	42633	4.755	ug/L	100
69) Naphthalene	13.74	128	67993	4.788	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	41237	4.939	ug/L	100

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

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