

Data File : VU027775.D
Acq On : 24 Oct 2018 10:45
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV47

Quant Time: Oct 25 04:36:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	42933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	41565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	20226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	16587	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.68	69	12584	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.28	63	32332	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.22	46	53066	49.87	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	4.65	84	29978	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	17789	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.34	84	54641	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.33	67	18966	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.57	98	53161	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.85	79	8027	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.32	63	44642	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14963	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	19250	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	20871	5.013 ug/L	99
3) Chloromethane	1.33	50	22694	4.854 ug/L	98
5) Vinyl chloride	1.40	62	21751	4.833 ug/L	99
6) Bromomethane	1.63	94	11642	5.047 ug/L	98
8) Chloroethane	1.70	64	12090	4.971 ug/L	94
9) Trichlorofluoromethane	1.89	101	29577	4.972 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	15492	5.159 ug/L	95
12) 1,1-Dichloroethene	2.29	96	13226	4.726 ug/L	89
13) Acetone	2.35	43	37200	48.494 ug/L	100
14) Carbon disulfide	2.48	76	45802	4.768 ug/L	99
15) Methyl Acetate	2.63	43	9677	4.509 ug/L	96
16) Methylene chloride	2.70	84	15275	4.628 ug/L	96
17) Methyl tert-butyl Ether	3.01	73	42679	4.764 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	14225	4.743 ug/L	96
19) 1,1-Dichloroethane	3.45	63	31637	4.771 ug/L	99
21) 2-Butanone	4.30	43	61955	49.223 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	16778	4.710 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	6861	4.751	ug/L	97
25) Chloroform	4.68	83	32319	4.840	ug/L	100
27) 1,2-Dichloroethane	5.41	62	23706	4.806	ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	28371	4.746	ug/L	99
30) Cyclohexane	4.99	56	31943	4.770	ug/L	99
31) Carbon tetrachloride	5.13	117	25204	4.913	ug/L	99
33) Benzene	5.39	78	67178	4.864	ug/L	100
34) Trichloroethene	6.19	95	17863	4.992	ug/L	99
35) Methylcyclohexane	6.41	83	29578	4.946	ug/L	97
37) 1,2-Dichloropropane	6.43	63	19369	4.776	ug/L #	98
38) Bromodichloromethane	6.76	83	23598	4.873	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	29322	5.048	ug/L	95
40) 4-Methyl-2-pentanone	7.47	43	149212	49.214	ug/L	100
42) Toluene	7.64	91	73049	4.913	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	24316	4.971	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	12243	5.002	ug/L	96
47) Tetrachloroethene	8.23	164	13900	4.782	ug/L	96
48) 2-Hexanone	8.37	43	109760	50.949	ug/L	99
49) Dibromochloromethane	8.48	129	15250	4.890	ug/L	99
50) 1,2-Dibromoethane	8.59	107	11702	4.919	ug/L	98
51) Chlorobenzene	9.12	112	44511	4.863	ug/L	99
52) Ethylbenzene	9.25	91	84390	4.893	ug/L	99
53) m,p-xylene	9.38	106	30116	4.930	ug/L	96
54) o-xylene	9.78	106	28824	4.829	ug/L	99
55) Styrene	9.79	104	49640	4.910	ug/L	100
56) Isopropylbenzene	10.17	105	80739	4.885	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	16417	5.099	ug/L #	94
59) 1,2,3-Trichloropropane	10.49	75	12763	4.998	ug/L	95
61) Bromoform	9.96	173	8814	5.181	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	35446	4.983	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	34499	4.803	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	34502	5.158	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	2985	5.603	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	28500	4.995	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	24551	4.953	ug/L	97
69) Naphthalene	13.75	128	42321	5.257	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	23606	5.169	ug/L	98

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

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