

Data File : VU029293.D
Acq On : 25 Jan 2019 17:11
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00548

Quant Time: Jan 28 02:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	61672	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	65124	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29273	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	22511	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.27	63	52270	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.20	46	67038	55.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	4.65	84	51846	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.31	65	28361	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.34	84	94876	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.33	67	28983	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.56	98	90223	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.85	79	13215	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.31	63	62671	55.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26262	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	37035	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	44059	5.163 ug/L	97
3) Chloromethane	1.32	50	37061	4.952 ug/L	98
5) Vinyl chloride	1.40	62	37858	5.059 ug/L	98
6) Bromomethane	1.63	94	20423	5.068 ug/L	98
8) Chloroethane	1.70	64	20700	4.950 ug/L	100
9) Trichlorofluoromethane	1.89	101	52081	5.233 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	25825	5.103 ug/L	98
12) 1,1-Dichloroethene	2.28	96	23771	5.096 ug/L	98
13) Acetone	2.32	43	42477	47.113 ug/L	98
14) Carbon disulfide	2.48	76	79933	4.948 ug/L	98
15) Methyl Acetate	2.62	43	10930	5.058 ug/L	100
16) Methylene chloride	2.70	84	25353	4.631 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	60895	5.029 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	25385	5.015 ug/L	98
19) 1,1-Dichloroethane	3.44	63	45447	5.033 ug/L	98
21) 2-Butanone	4.28	43	68496	52.487 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	25586	5.028 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	12080	5.226	ug/L	96
25) Chloroform	4.67	83	49208	5.203	ug/L	99
27) 1,2-Dichloroethane	5.41	62	34977	5.400	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	44180	5.004	ug/L	97
30) Cyclohexane	4.99	56	38791	4.886	ug/L	95
31) Carbon tetrachloride	5.13	117	37833	5.023	ug/L	100
33) Benzene	5.39	78	100053	4.926	ug/L	100
34) Trichloroethene	6.18	95	26274	4.885	ug/L	98
35) Methylcyclohexane	6.41	83	40289	4.685	ug/L	98
37) 1,2-Dichloropropane	6.43	63	27167	5.067	ug/L	100
38) Bromodichloromethane	6.76	83	35064	4.949	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	37307	4.841	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	165519	51.167	ug/L	99
42) Toluene	7.63	91	111634	5.093	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	33899	5.059	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	19538	5.070	ug/L	97
47) Tetrachloroethene	8.22	164	24063	5.097	ug/L	99
48) 2-Hexanone	8.36	43	123985	52.589	ug/L	99
49) Dibromochloromethane	8.48	129	24616	5.145	ug/L	99
50) 1,2-Dibromoethane	8.58	107	18083	4.851	ug/L	90
51) Chlorobenzene	9.12	112	69518	4.825	ug/L	95
52) Ethylbenzene	9.25	91	116409	4.841	ug/L	97
53) m,p-xylene	9.37	106	45680	5.000	ug/L	98
54) o-xylene	9.78	106	43569	5.012	ug/L	92
55) Styrene	9.79	104	77699	5.137	ug/L	98
56) Isopropylbenzene	10.16	105	114778	4.901	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	24945	4.968	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	18409	4.985	ug/L	97
61) Bromoform	9.96	173	14377	5.037	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	55730	4.855	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	58298	4.763	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	57330	5.089	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	4484	5.594	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	46155	4.771	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	39796	4.913	ug/L	93
69) Naphthalene	13.74	128	62438	4.868	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	38944	5.163	ug/L	98

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

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