

Data File : VU032074.D
Acq On : 17 May 2019 02:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Quant Time: May 30 01:12:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 29 09:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	410548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143366	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.68	69	132214	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.27	63	239623	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.19	46	329203	48.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	4.64	84	285366	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	144197	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.33	84	572200	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.33	67	168058	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	520040	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	60000	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.31	63	304660	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147433	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	184740	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	100469	4.889	ug/L	99
3) Chloromethane	1.32	50	82468	4.182	ug/L	97
5) Vinyl chloride	1.40	62	95056	4.588	ug/L	99
6) Bromomethane	1.62	94	43208	3.618	ug/L	95
8) Chloroethane	1.69	64	58686	4.568	ug/L	96
9) Trichlorofluoromethane	1.88	101	125881	4.952	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	80377	4.772	ug/L	98
12) 1,1-Dichloroethene	2.28	96	79053	4.795	ug/L	87
13) Acetone	2.33	43	99725	44.741	ug/L	100
14) Carbon disulfide	2.47	76	246250	4.683	ug/L	97
15) Methyl Acetate	2.62	43	24667	3.860	ug/L	98
16) Methylene chloride	2.69	84	85471	4.343	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	184794	4.768	ug/L	96
18) trans-1,2-Dichloroethene	2.97	96	84984	4.816	ug/L	95
19) 1,1-Dichloroethane	3.44	63	128548	4.592	ug/L	98
21) 2-Butanone	4.28	43	149028	46.581	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	83968	4.837	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	37961	5.096	ug/L	99
25) Chloroform	4.67	83	142142	4.748	ug/L	96
27) 1,2-Dichloroethane	5.40	62	82993	4.801	ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	117335	4.939	ug/L	98
30) Cyclohexane	4.98	56	103450	4.735	ug/L	98
31) Carbon tetrachloride	5.12	117	101719	5.035	ug/L	99
33) Benzene	5.38	78	320461	5.124	ug/L	100
34) Trichloroethene	6.18	95	81676	4.815	ug/L	96
35) Methylcyclohexane	6.41	83	112064	4.588	ug/L	97
37) 1,2-Dichloropropane	6.43	63	75259	4.922	ug/L	99
38) Bromodichloromethane	6.75	83	97196	4.970	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	98137	4.642	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	340909	48.098	ug/L	98
42) Toluene	7.63	91	331852	5.067	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	78942	4.802	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	56856	5.034	ug/L	93
47) Tetrachloroethene	8.22	164	63145	4.980	ug/L	98
48) 2-Hexanone	8.36	43	277716	50.515	ug/L	99
49) Dibromochloromethane	8.47	129	63839	4.905	ug/L	98
50) 1,2-Dibromoethane	8.58	107	54168	5.005	ug/L	91
51) Chlorobenzene	9.12	112	209917	5.075	ug/L	96
52) Ethylbenzene	9.24	91	330644	5.033	ug/L	99
53) m,p-Xylene	9.37	106	127211	5.097	ug/L	96
54) o-Xylene	9.77	106	123823	5.147	ug/L	97
55) Styrene	9.79	104	211082	5.175	ug/L	96
56) Isopropylbenzene	10.16	105	318811	5.186	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	69584	4.938	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	46855	4.825	ug/L	98
61) Bromoform	9.95	173	37429	5.384	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	149315	5.174	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	152408	5.074	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	150223	5.131	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	10535	5.514	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	112755	5.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	81482	5.244	ug/L	99
69) Naphthalene	13.74	128	119666	5.181	ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	83599	5.546	ug/L	99

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

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