

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
 Data File : VU029748.D
 Acq On : 28 Feb 2019 19:14
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00543

Quant Time: Mar 01 00:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 00:18:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	249398	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	245799	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	133060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73920	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.68	69	71132	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	155868	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.19	46	218737	59.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	4.64	84	149856	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.31	65	79596	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.34	84	323711	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	98798	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	304323	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	39187	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.31	63	212568	57.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89188	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	130794	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	97628	5.014 ug/L	99
3) Chloromethane	1.33	50	86506	5.141 ug/L	98
5) Vinyl chloride	1.40	62	102178	4.804 ug/L	98
6) Bromomethane	1.63	94	54434	4.623 ug/L	98
8) Chloroethane	1.70	64	64350	4.670 ug/L	99
9) Trichlorofluoromethane	1.89	101	139927	4.437 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	86680	4.454 ug/L	99
12) 1,1-Dichloroethene	2.28	96	84848	4.586 ug/L	97
13) Acetone	2.32	43	118641	44.845 ug/L	98
14) Carbon disulfide	2.48	76	269266	4.431 ug/L	99
15) Methyl Acetate	2.61	43	35237	4.565 ug/L	99
16) Methylene chloride	2.70	84	92144	4.211 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	203824	4.608 ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	89780	4.459 ug/L	97
19) 1,1-Dichloroethane	3.44	63	150141	4.790 ug/L	99
21) 2-Butanone	4.27	43	191690	52.220 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	93781	5.086 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.55	128	42246	5.077	ug/L	96
25) Chloroform	4.67	83	162348	5.173	ug/L	99
27) 1,2-Dichloroethane	5.40	62	90869	4.903	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	125604	4.916	ug/L	99
30) Cyclohexane	4.99	56	125491	4.963	ug/L	99
31) Carbon tetrachloride	5.13	117	109192	4.910	ug/L	97
33) Benzene	5.39	78	335749	5.169	ug/L	100
34) Trichloroethene	6.18	95	89882	4.957	ug/L	98
35) Methylcyclohexane	6.41	83	143578	4.882	ug/L	98
37) 1,2-Dichloropropane	6.43	63	85689	5.237	ug/L	99
38) Bromodichloromethane	6.75	83	101951	4.991	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	117521	4.907	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	474801	51.626	ug/L	99
42) Toluene	7.63	91	372955	5.062	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	96949	5.043	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	64704	5.049	ug/L	97
47) Tetrachloroethene	8.22	164	79824	4.740	ug/L	98
48) 2-Hexanone	8.36	43	342525	50.924	ug/L	99
49) Dibromochloromethane	8.47	129	75623	4.872	ug/L	98
50) 1,2-Dibromoethane	8.58	107	62557	4.987	ug/L	98
51) Chlorobenzene	9.12	112	247039	4.881	ug/L	99
52) Ethylbenzene	9.25	91	406396	4.932	ug/L	99
53) m,p-xylene	9.37	106	157495	4.767	ug/L	99
54) o-xylene	9.77	106	158424	4.980	ug/L	97
55) Styrene	9.79	104	264607	4.979	ug/L	99
56) Isopropylbenzene	10.16	105	408983	4.791	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	81455	5.157	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	54369	4.975	ug/L	98
61) Bromoform	9.95	173	44847	5.082	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	199865	4.731	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	206838	4.828	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	198167	4.859	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	11367	4.741	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	158866	4.670	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	135165	4.702	ug/L	100
69) Naphthalene	13.74	128	219750	4.945	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	128918	4.789	ug/L	99

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

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