

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
 Data File : VU029771.D
 Acq On : 01 Mar 2019 18:53
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00545

Quant Time: Mar 01 22:18:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 22:12:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90052	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.68	69	71383	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	163902	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.19	46	178658	51.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.65	84	132163	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	71633	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	315498	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.33	67	92217	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.56	98	303118	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.85	79	34798	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.31	63	180313	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77995	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	122012	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	92563	5.017	ug/L 100
3) Chloromethane	1.32	50	81711	5.124	ug/L 99
5) Vinyl chloride	1.40	62	96719	4.798	ug/L 97
6) Bromomethane	1.63	94	56360	5.050	ug/L 98
8) Chloroethane	1.70	64	60551	4.637	ug/L 99
9) Trichlorofluoromethane	1.88	101	133405	4.463	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84826	4.599	ug/L 98
12) 1,1-Dichloroethene	2.28	96	79571	4.538	ug/L 97
13) Acetone	2.32	43	111469	44.458	ug/L 98
14) Carbon disulfide	2.48	76	247534	4.298	ug/L 100
15) Methyl Acetate	2.62	43	32882	4.495	ug/L 98
16) Methylene chloride	2.70	84	89991	4.340	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	189909	4.530	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	86265	4.521	ug/L 98
19) 1,1-Dichloroethane	3.44	63	142851	4.808	ug/L 100
21) 2-Butanone	4.28	43	176130	50.627	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	88859	5.085	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	40580	5.146	ug/L	96
25) Chloroform	4.67	83	162445	5.462	ug/L	100
27) 1,2-Dichloroethane	5.40	62	85316	4.857	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	122099	5.004	ug/L	98
30) Cyclohexane	4.99	56	118224	4.896	ug/L	98
31) Carbon tetrachloride	5.13	117	103009	4.851	ug/L	97
33) Benzene	5.39	78	316671	5.105	ug/L	100
34) Trichloroethene	6.18	95	86702	5.007	ug/L	99
35) Methylcyclohexane	6.41	83	137768	4.905	ug/L	98
37) 1,2-Dichloropropane	6.43	63	80952	5.180	ug/L	99
38) Bromodichloromethane	6.76	83	98088	5.028	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	112626	4.924	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	439157	50.002	ug/L	99
42) Toluene	7.63	91	357570	5.082	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	90727	4.942	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	60831	4.971	ug/L	98
47) Tetrachloroethene	8.22	164	77118	4.796	ug/L	96
48) 2-Hexanone	8.36	43	315954	49.189	ug/L	99
49) Dibromochloromethane	8.47	129	72905	4.918	ug/L	99
50) 1,2-Dibromoethane	8.58	107	58305	4.867	ug/L	98
51) Chlorobenzene	9.12	112	235857	4.880	ug/L	98
52) Ethylbenzene	9.25	91	386406	4.910	ug/L	99
53) m,p-xylene	9.37	106	150932	4.784	ug/L	98
54) o-xylene	9.78	106	149737	4.929	ug/L	98
55) Styrene	9.79	104	253639	4.998	ug/L	100
56) Isopropylbenzene	10.16	105	390956	4.796	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	75699	5.019	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	50657	4.854	ug/L	98
61) Bromoform	9.95	173	40642	4.985	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	193628	4.961	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	200679	5.070	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	189299	5.024	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	10687	4.825	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	153515	4.884	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	129209	4.865	ug/L	100
69) Naphthalene	13.74	128	204118	4.972	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	121701	4.893	ug/L	99

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

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