

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027669.D
 Acq On : 17 Oct 2018 10:53
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV46

Quant Time: Oct 19 06:48:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	90901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31639	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	24766	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.28	63	57755	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.22	46	94923	46.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.42%
24) Chloroform-d	4.65	84	52705	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	28725	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.34	84	109125	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.33	67	36765	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.57	98	106688	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	16459	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.32	63	82956	46.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28362	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	39656	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	31992	4.312	ug/L 98
3) Chloromethane	1.33	50	39917	4.518	ug/L 100
5) Vinyl chloride	1.40	62	40784	4.598	ug/L 98
6) Bromomethane	1.63	94	22867	4.806	ug/L 98
8) Chloroethane	1.70	64	23231	4.543	ug/L 95
9) Trichlorofluoromethane	1.89	101	47252	4.615	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	28288	4.578	ug/L 98
12) 1,1-Dichloroethene	2.29	96	28441	4.623	ug/L 95
13) Acetone	2.36	43	61459	46.790	ug/L 99
14) Carbon disulfide	2.48	76	100990	4.740	ug/L 99
15) Methyl Acetate	2.63	43	16101	4.591	ug/L 97
16) Methylene chloride	2.70	84	31729	4.729	ug/L 95
17) Methyl tert-butyl Ether	3.01	73	77566	4.561	ug/L 99
18) trans-1,2-Dichloroethene	2.99	96	30288	4.631	ug/L 97
19) 1,1-Dichloroethane	3.45	63	59191	4.548	ug/L 98
21) 2-Butanone	4.31	43	108021	47.330	ug/L 98
22) cis-1,2-Dichloroethene	4.23	96	33095	4.572	ug/L # 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	14466	4.438	ug/L	98
25) Chloroform	4.68	83	55969	4.456	ug/L	99
27) 1,2-Dichloroethane	5.41	62	36423	4.581	ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	48888	4.589	ug/L	99
30) Cyclohexane	4.99	56	61470	4.591	ug/L	99
31) Carbon tetrachloride	5.13	117	43550	4.513	ug/L	99
33) Benzene	5.39	78	127852	4.495	ug/L	100
34) Trichloroethene	6.19	95	32394	4.400	ug/L	99
35) Methylcyclohexane	6.41	83	59621	4.700	ug/L	98
37) 1,2-Dichloropropane	6.44	63	35494	4.346	ug/L	98
38) Bromodichloromethane	6.76	83	43813	4.617	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	55531	4.676	ug/L	98
40) 4-Methyl-2-pentanone	7.48	43	252692	45.840	ug/L	99
42) Toluene	7.64	91	140715	4.605	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	45563	4.649	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	23634	4.500	ug/L	99
47) Tetrachloroethene	8.22	164	27715	4.716	ug/L	94
48) 2-Hexanone	8.38	43	188366	47.694	ug/L	99
49) Dibromochloromethane	8.48	129	29894	4.581	ug/L	98
50) 1,2-Dibromoethane	8.59	107	22236	4.518	ug/L	98
51) Chlorobenzene	9.12	112	86931	4.636	ug/L	100
52) Ethylbenzene	9.25	91	158875	4.691	ug/L	100
53) m,p-xylene	9.38	106	59559	4.726	ug/L	97
54) o-xylene	9.78	106	57393	4.639	ug/L	99
55) Styrene	9.79	104	99337	4.775	ug/L	95
56) Isopropylbenzene	10.17	105	154079	4.683	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	30178	4.393	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	21405	4.561	ug/L	99
61) Bromoform	9.96	173	18051	4.495	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	70878	4.763	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	70587	4.730	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	66416	4.646	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	5445	4.626	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	57991	4.801	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	51726	4.967	ug/L	99
69) Naphthalene	13.75	128	88171	5.065	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	47570	4.891	ug/L	99

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

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