

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008276.D
 Acq On : 15 Oct 2018 15:47
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV75

Quant Time: Oct 16 05:21:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151022	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39612	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	29243	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	77188	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	3.98	46	135364	47.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	4.41	84	89954	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	44876	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	191039	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	64474	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	173002	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	24836	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	100615	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40918	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	55107	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	56115	4.826	ug/L 98
3) Chloromethane	1.25	50	56508	4.761	ug/L 95
5) Vinyl chloride	1.32	62	53466	4.758	ug/L 98
6) Bromomethane	1.54	94	30800	4.790	ug/L 98
8) Chloroethane	1.60	64	29520	5.054	ug/L 99
9) Trichlorofluoromethane	1.77	101	71532	5.236	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38216	4.902	ug/L 98
12) 1,1-Dichloroethene	2.14	96	35210	4.853	ug/L 96
13) Acetone	2.24	43	71295	46.030	ug/L 98
14) Carbon disulfide	2.32	76	125396	5.024	ug/L 100
15) Methyl Acetate	2.48	43	16805	4.362	ug/L 97
16) Methylene chloride	2.54	84	38616	4.599	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	103905	5.042	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	38660	4.953	ug/L 97
19) 1,1-Dichloroethane	3.23	63	76196	4.725	ug/L 98
21) 2-Butanone	4.07	43	153127	47.613	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	61251	4.860	ug/L # 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	23147	4.954	ug/L	98
25) Chloroform	4.43	83	97090	4.912	ug/L	98
27) 1,2-Dichloroethane	5.19	62	59272	5.044	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	84339	4.872	ug/L	98
30) Cyclohexane	4.72	56	105268	4.838	ug/L	99
31) Carbon tetrachloride	4.87	117	70581	4.849	ug/L	98
33) Benzene	5.15	78	230838	4.928	ug/L	100
34) Trichloroethene	5.96	95	62241	4.795	ug/L	97
35) Methylcyclohexane	6.17	83	107259	4.900	ug/L	99
37) 1,2-Dichloropropane	6.23	63	63010	4.985	ug/L	99
38) Bromodichloromethane	6.56	83	70437	4.961	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	90790	5.034	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	372585	48.132	ug/L	99
42) Toluene	7.43	91	241584	4.947	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	72300	5.009	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	38593	4.918	ug/L	99
47) Tetrachloroethene	8.02	164	39711	4.882	ug/L	96
48) 2-Hexanone	8.19	43	276708	48.907	ug/L	99
49) Dibromochloromethane	8.29	129	44921	5.022	ug/L	96
50) 1,2-Dibromoethane	8.40	107	36383	4.947	ug/L	94
51) Chlorobenzene	8.93	112	148060	5.104	ug/L	99
52) Ethylbenzene	9.06	91	269948	5.028	ug/L	100
53) m,p-xylene	9.18	106	100481	5.174	ug/L	98
54) o-xylene	9.59	106	97528	5.041	ug/L	100
55) Styrene	9.60	104	160406	5.153	ug/L	99
56) Isopropylbenzene	9.98	105	257049	5.041	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	42495	4.760	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	34996	4.948	ug/L	98
61) Bromoform	9.78	173	22207	4.892	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	104914	4.991	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	104122	5.004	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	98067	4.867	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	6987	4.597	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	70371	5.175	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	55411	5.724	ug/L	99
69) Naphthalene	13.56	128	95525	5.293	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	52461	5.458	ug/L	99

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

