

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009855.D
 Acq On : 25 Mar 2019 12:11
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Mar 26 06:02:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 05:58:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172210	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88345	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89915	69.65	ug/L	0.00
7) Chloroethane-d5	1.55	69	108847	92.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	257621	94.34	ug/L	0.00
21) 2-Butanone-d5	3.93	46	80645	95.56	ug/L	0.00
24) Chloroform-d	4.40	84	123928	56.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	81470	62.85	ug/L	0.00
32) Benzene-d6	5.10	84	247964	51.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	77095	51.75	ug/L	0.00
41) Toluene-d8	7.36	98	240052	52.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	34022	47.82	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	64224	87.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	119870	52.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	97170	53.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	71687	49.221	ug/L 100
3) Chloromethane	1.25	50	76035	52.835	ug/L 100
5) Vinyl chloride	1.33	62	106822	65.705	ug/L 100
6) Bromomethane	1.51	94	88644	88.662	ug/L 100
8) Chloroethane	1.58	64	90636	84.623	ug/L 100
9) Trichlorofluoromethane	1.76	101	236477	95.970	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	128735	89.436	ug/L 100
12) 1,1-Dichloroethene	2.13	96	114090	83.092	ug/L 100
13) Acetone	2.19	43	77409	88.144	ug/L 100
14) Carbon disulfide	2.31	76	144540	43.417	ug/L 100
15) Methyl Acetate	2.46	43	56597	44.431	ug/L 100
16) Methylene chloride	2.53	84	64411	49.456	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	56656	47.358	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	180935	51.708	ug/L 100
19) 1,1-Dichloroethane	3.23	63	113053	53.489	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	66125	50.029	ug/L 100
22) 2-Butanone	4.02	43	95915	93.006	ug/L 100
23) Bromochloromethane	4.30	128	33233	47.438	ug/L 100
25) Chloroform	4.43	83	120392	54.360	ug/L 100
27) 1,2-Dichloroethane	5.18	62	96406	59.789	ug/L 100
29) Cyclohexane	4.73	56	96922	49.561	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	100187	51.063	ug/L 100
31) Carbon tetrachloride	4.88	117	86619	50.042	ug/L 100
33) Benzene	5.15	78	255752	49.189	ug/L 100
34) Trichloroethene	5.96	95	64866	47.386	ug/L 100
35) Methylcyclohexane	6.18	83	106553	49.678	ug/L 100
37) 1,2-Dichloropropane	6.22	63	65018	48.968	ug/L 100
38) Bromodichloromethane	6.56	83	82869	48.586	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	102233	48.191	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	186189	101.343	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	294366	51.591	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	90616	49.266	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	65529	48.109	ug/L	100
46) Tetrachloroethene	8.02	164	50086	44.214	ug/L	100
48) 2-Hexanone	8.19	43	151981	99.834	ug/L	100
49) Dibromochloromethane	8.29	129	66188	44.205	ug/L	100
50) 1,2-Dibromoethane	8.40	107	69978	46.797	ug/L	100
51) Chlorobenzene	8.93	112	188955	49.996	ug/L	100
52) Ethylbenzene	9.06	91	321321	51.632	ug/L	100
53) m,p-Xylene	9.18	106	123845	51.735	ug/L	100
54) o-xylene	9.59	106	128679	54.189	ug/L	100
55) Styrene	9.60	104	213623	53.410	ug/L	100
56) Isopropylbenzene	9.98	105	322331	52.727	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	121347	51.291	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	85574	47.597	ug/L	100
61) Bromoform	9.78	173	44256	40.732	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	139135	49.365	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	145625	49.609	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	148023	51.075	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	19317	41.779	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	99526	46.086	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	77520	41.463	ug/L	100
69) Naphthalene	13.55	128	218827	37.649	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	82117	42.120	ug/L	100

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

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