

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015128.D
 Acq On : 25 Mar 2020 04:59
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Mar 25 06:49:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 06:43:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	525469	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	478665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	233305	48.35	ug/L	0.00
7) Chloroethane-d5	1.58	69	229926	54.30	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	426195	52.04	ug/L	0.00
21) 2-Butanone-d5	3.94	46	398382	120.55	ug/L	0.00
24) Chloroform-d	4.38	84	429574	56.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	293248	59.82	ug/L	0.00
32) Benzene-d6	5.08	84	811468	54.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	275703	56.06	ug/L	0.00
41) Toluene-d8	7.34	98	701410	51.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	143151	55.38	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	304718	120.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	415969	59.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	248402	53.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	146803	38.827	ug/L 100
3) Chloromethane	1.25	50	277271	51.729	ug/L 100
5) Vinyl chloride	1.32	62	240159	48.246	ug/L 100
6) Bromomethane	1.53	94	174335	55.383	ug/L 100
8) Chloroethane	1.60	64	194533	49.887	ug/L 100
9) Trichlorofluoromethane	1.77	101	274690	44.917	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	134845	43.985	ug/L 100
12) 1,1-Dichloroethene	2.13	96	174232	50.722	ug/L 100
13) Acetone	2.22	43	232609	90.800	ug/L 100
14) Carbon disulfide	2.31	76	452129	51.358	ug/L 100
15) Methyl Acetate	2.46	43	253334	55.997	ug/L 100
16) Methylene chloride	2.52	84	231683	55.716	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	173544	50.942	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	749259	56.263	ug/L 100
19) 1,1-Dichloroethane	3.21	63	359146	51.642	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	217062	53.600	ug/L 100
22) 2-Butanone	4.02	43	354584	100.422	ug/L # 100
23) Bromochloromethane	4.28	128	117115	56.925	ug/L 100
25) Chloroform	4.41	83	372769	53.349	ug/L 100
27) 1,2-Dichloroethane	5.16	62	307203	54.641	ug/L 100
29) Cyclohexane	4.70	56	198217	39.233	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	282401	50.107	ug/L 100
31) Carbon tetrachloride	4.86	117	220256	47.241	ug/L 100
33) Benzene	5.13	78	761561	51.754	ug/L 100
34) Trichloroethene	5.94	95	171936	49.196	ug/L 100
35) Methylcyclohexane	6.15	83	201028	41.097	ug/L 100
37) 1,2-Dichloropropane	6.20	63	209062	52.507	ug/L 100
38) Bromodichloromethane	6.53	83	300842	54.537	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	340449	52.670	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	733693	110.188	ug/L 100

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42) Toluene	7.41	91	744905	48.491	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	337787	55.577	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	221686	57.079	ug/L	100
46) Tetrachloroethene	8.00	164	102420	43.563	ug/L	100
48) 2-Hexanone	8.16	43	568204	111.181	ug/L	100
49) Dibromochloromethane	8.27	129	242304	54.748	ug/L	100
50) 1,2-Dibromoethane	8.37	107	237449	55.795	ug/L	100
51) Chlorobenzene	8.90	112	481482	48.741	ug/L	100
52) Ethylbenzene	9.03	91	739824	45.048	ug/L	100
53) m,p-Xylene	9.16	106	286736	45.926	ug/L	100
54) o-xylene	9.57	106	305766	47.002	ug/L	100
55) Styrene	9.58	104	538180	47.750	ug/L	100
56) Isopropylbenzene	9.95	105	689390	43.754	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	369061	55.627	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	300705	55.970	ug/L	100
61) Bromoform	9.75	173	173753	58.738	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	324465	47.854	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	323751	47.271	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	354996	49.770	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	101750	60.361	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	200753	44.174	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	201305	46.188	ug/L	100
69) Naphthalene	13.52	128	983209	89.756	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	217120	47.941	ug/L	100

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

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