

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018164.D
 Acq On : 09 Sep 2020 11:22
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10061

Quant Time: Sep 10 02:10:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 02:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310500	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	252516	104.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	200900	101.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	462773	100.85	ug/L	0.00
21) 2-Butanone-d5	3.91	46	323234	208.13	ug/L	0.00
24) Chloroform-d	4.38	84	442114	101.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	280555	99.93	ug/L	0.00
32) Benzene-d6	5.08	84	884441	104.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	277704	101.44	ug/L	0.00
41) Toluene-d8	7.34	98	821847	107.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	146073	115.06	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	245893	268.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	361178	101.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	344143	102.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	227125	94.254 ug/L	99
3) Chloromethane	1.25	50	246508	89.558 ug/L	100
5) Vinyl chloride	1.32	62	253728	92.829 ug/L	100
6) Bromomethane	1.53	94	154576	93.854 ug/L	98
8) Chloroethane	1.60	64	155986	89.398 ug/L	99
9) Trichlorofluoromethane	1.77	101	351070	90.125 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	210888	95.486 ug/L	99
12) 1,1-Dichloroethene	2.14	96	204961	97.934 ug/L	98
13) Acetone	2.19	43	230858	150.908 ug/L	99
14) Carbon disulfide	2.31	76	630195	106.972 ug/L	100
15) Methyl Acetate	2.45	43	222456	88.184 ug/L	100
16) Methylene chloride	2.52	84	222091	85.219 ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	212501	98.714 ug/L	97
18) Methyl tert-butyl Ether	2.79	73	668562	95.565 ug/L	100
19) 1,1-Dichloroethane	3.21	63	393754	92.094 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	229953	98.111 ug/L	98
22) 2-Butanone	3.99	43	315085	181.993 ug/L	99
23) Bromochloromethane	4.28	128	118546	96.494 ug/L	98
25) Chloroform	4.41	83	402090	92.221 ug/L	99
27) 1,2-Dichloroethane	5.15	62	313058	90.807 ug/L	99
29) Cyclohexane	4.71	56	373322	101.553 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	357053	96.211 ug/L	99
31) Carbon tetrachloride	4.86	117	315500	100.740 ug/L	99
33) Benzene	5.13	78	878690	94.374 ug/L	100
34) Trichloroethene	5.94	95	231542	93.417 ug/L	99
35) Methylcyclohexane	6.16	83	379915	102.091 ug/L	99
37) 1,2-Dichloropropane	6.20	63	231810	91.800 ug/L	99
38) Bromodichloromethane	6.53	83	305114	96.462 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	378410	104.337 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	603597	185.961 ug/L	99

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42) Toluene	7.41	91	953949	97.737	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	366700	106.160	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	215436	91.878	ug/L	99
46) Tetrachloroethene	8.00	164	188770	102.015	ug/L	100
48) 2-Hexanone	8.16	43	466589	179.124	ug/L	98
49) Dibromochloromethane	8.27	129	248271	105.930	ug/L	100
50) 1,2-Dibromoethane	8.37	107	230239	94.496	ug/L	100
51) Chlorobenzene	8.90	112	603407	95.717	ug/L	99
52) Ethylbenzene	9.03	91	1061997	99.629	ug/L	100
53) m,p-Xylene	9.16	106	402038	102.321	ug/L	98
54) o-xylene	9.56	106	388469	100.144	ug/L	99
55) Styrene	9.58	104	688258	103.836	ug/L	98
56) Isopropylbenzene	9.95	105	1057608	103.017	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	334227	92.553	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	276112	89.340	ug/L	100
61) Bromoform	9.75	173	188075	113.681	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	512715	95.493	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	518410	93.955	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	508915	92.615	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	79413	100.455	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	417100	101.361	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	391098	108.123	ug/L	99
69) Naphthalene	13.52	128	1055346	108.340	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	378701	103.573	ug/L	100

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

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