

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018404.D
 Acq On : 23 Sep 2020 10:39
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010302

Quant Time: Sep 24 07:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:11:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290177	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288181	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	155183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18412	9.95	ug/L	0.00
7) Chloroethane-d5	1.58	69	16174	10.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	39481	10.29	ug/L	0.00
21) 2-Butanone-d5	3.94	46	25276	18.49	ug/L	0.02
24) Chloroform-d	4.38	84	38260	9.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	23743	9.59	ug/L	0.00
32) Benzene-d6	5.08	84	71064	9.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	23411	9.70	ug/L	0.00
41) Toluene-d8	7.34	98	64652	9.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	10840	8.72	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	14050	14.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.24	84	29440	9.37	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.65	152	28210	9.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24052	11.346 ug/L	99
3) Chloromethane	1.25	50	26637	11.413 ug/L	100
5) Vinyl chloride	1.32	62	27027	11.257 ug/L	98
6) Bromomethane	1.53	94	17614	11.672 ug/L	100
8) Chloroethane	1.60	64	18084	11.928 ug/L	98
9) Trichlorofluoromethane	1.77	101	38481	11.205 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23290	11.063 ug/L	98
12) 1,1-Dichloroethene	2.14	96	22344	11.244 ug/L	91
13) Acetone	2.21	43	36932	22.405 ug/L	100
14) Carbon disulfide	2.31	76	62169	10.919 ug/L	98
15) Methyl Acetate	2.46	43	23107	10.935 ug/L	99
16) Methylene chloride	2.53	84	26011	11.900 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	22358	10.909 ug/L	97
18) Methyl tert-butyl Ether	2.79	73	68024	10.799 ug/L	99
19) 1,1-Dichloroethane	3.22	63	44295	11.356 ug/L	100
20) cis-1,2-Dichloroethene	3.95	96	23909	10.834 ug/L	98
22) 2-Butanone	4.01	43	32711	18.537 ug/L	96
23) Bromochloromethane	4.28	128	13119	11.227 ug/L	96
25) Chloroform	4.41	83	44871	11.301 ug/L	100
27) 1,2-Dichloroethane	5.16	62	34430	11.211 ug/L	97
29) Cyclohexane	4.70	56	34105	9.727 ug/L #	92
30) 1,1,1-Trichloroethane	4.64	97	39189	11.125 ug/L	98
31) Carbon tetrachloride	4.86	117	34090	11.128 ug/L	98
33) Benzene	5.13	78	95362	11.031 ug/L	100
34) Trichloroethene	5.94	95	26612	11.543 ug/L	98
35) Methylcyclohexane	6.16	83	35145	9.657 ug/L	97
37) 1,2-Dichloropropane	6.20	63	24626	10.540 ug/L	100
38) Bromodichloromethane	6.54	83	32423	10.985 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	35452	10.016 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	56902	20.404 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	97558	10.425	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	35059	10.024	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	23634	11.018	ug/L	98
46) Tetrachloroethene	8.00	164	20212	10.815	ug/L	98
48) 2-Hexanone	8.16	43	49264	20.434	ug/L	94
49) Dibromochloromethane	8.27	129	25529	10.626	ug/L	97
50) 1,2-Dibromoethane	8.37	107	23862	10.657	ug/L	99
51) Chlorobenzene	8.90	112	66218	11.006	ug/L	98
52) Ethylbenzene	9.03	91	103273	10.051	ug/L	100
53) m,p-Xylene	9.16	106	37916	9.750	ug/L	99
54) o-Xylene	9.57	106	36741	9.848	ug/L	96
55) Styrene	9.58	104	63646	9.538	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.26	83	33292	10.486	ug/L	99
59) Bromoform	9.75	173	18309	10.744	ug/L	98
60) Isopropylbenzene	9.95	105	99992	10.086	ug/L	99
61) 1,2,3-Trichloropropane	10.30	75	30614	11.740	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	76572	9.223	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	79344	9.285	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	52791	10.816	ug/L	98
65) 1,4-Dichlorobenzene	11.29	146	55530	11.067	ug/L	98
67) 1,2-Dichlorobenzene	11.67	146	53367	10.984	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	7150	10.570	ug/L	93
69) 1,3,5-Trichlorobenzene	12.67	180	39742	10.318	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	33237	9.410	ug/L	98
71) Naphthalene	13.53	128	79641	8.380	ug/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	34920	9.914	ug/L	99

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

