

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015140.D
 Acq On : 25 Mar 2020 14:59
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:13:07 PM

Quant Time: Mar 25 15:55:07 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 25 15:24:29 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	616229	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	576368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	260594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25871	4.69	ug/L	0.00
7) Chloroethane-d5	1.58	69	25015	4.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	54230	5.01	ug/L	0.00
21) 2-Butanone-d5	3.96	46	34513m	9.51	ug/L	0.02
24) Chloroform-d	4.38	84	43961	4.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	30328	5.08	ug/L	0.00
32) Benzene-d6	5.08	84	89696	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	29556	5.15	ug/L	0.00
41) Toluene-d8	7.34	98	83082	4.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	14873	4.82	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	28810	10.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	43619	5.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	33083	5.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24943	5.105	ug/L 99
3) Chloromethane	1.25	50	27963	5.273	ug/L 99
5) Vinyl chloride	1.32	62	26003	4.891	ug/L 91
6) Bromomethane	1.53	94	18345	5.305	ug/L 93
8) Chloroethane	1.60	64	22325	5.660	ug/L 100
9) Trichlorofluoromethane	1.77	101	40095	4.834	ug/L 93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22050	5.015	ug/L 97
12) 1,1-Dichloroethene	2.13	96	21947	5.257	ug/L 95
13) Acetone	2.22	43	13937	7.377	ug/L 86
14) Carbon disulfide	2.31	76	60618	5.290	ug/L 100
15) Methyl Acetate	2.47	43	21465m	5.114	ug/L
16) Methylene chloride	2.53	84	20399	4.949	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	19502	5.132	ug/L 95
18) Methyl tert-butyl Ether	2.79	73	64633	5.111	ug/L 98
19) 1,1-Dichloroethane	3.22	63	34458	4.994	ug/L 92
20) cis-1,2-Dichloroethene	3.95	96	20830	5.006	ug/L # 93
22) 2-Butanone	4.04	43	29012m	10.769	ug/L
23) Bromochloromethane	4.28	128	10270	4.866	ug/L 92
25) Chloroform	4.41	83	36718	5.075	ug/L 96
27) 1,2-Dichloroethane	5.16	62	28271	5.097	ug/L 96
29) Cyclohexane	4.70	56	31368	5.060	ug/L 99
30) 1,1,1-Trichloroethane	4.64	97	32496	5.034	ug/L 99
31) Carbon tetrachloride	4.86	117	28609	5.132	ug/L 99
33) Benzene	5.13	78	75749	5.004	ug/L 100
34) Trichloroethene	5.94	95	21007	5.211	ug/L 93
35) Methylcyclohexane	6.16	83	35330	5.280	ug/L 94
37) 1,2-Dichloropropane	6.20	63	19383	4.964	ug/L 98
38) Bromodichloromethane	6.54	83	28377	5.140	ug/L 96
39) cis-1,3-Dichloropropene	7.05	75	32960	5.020	ug/L 99
40) 4-Methyl-2-pentanone	7.26	43	59635	10.274	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	86106	5.080	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	30736	4.744	ug/L	97
45) 1,1,2-Trichloroethane	7.87	97	18621	4.856	ug/L	98
46) Tetrachloroethene	8.00	164	14866	5.156	ug/L	89
48) 2-Hexanone	8.17	43	41776	9.526	ug/L	98
49) Dibromochloromethane	8.27	129	21067	4.856	ug/L	96
50) 1,2-Dibromoethane	8.38	107	20834	4.977	ug/L	89
51) Chlorobenzene	8.90	112	56212	5.112	ug/L	97
52) Ethylbenzene	9.04	91	93986	4.956	ug/L	95
53) m,p-Xylene	9.16	106	38685	5.206	ug/L	87
54) o-xylene	9.57	106	36583	5.002	ug/L	100
55) Styrene	9.58	104	59688	4.852	ug/L	98
56) Isopropylbenzene	9.95	105	93705	4.976	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	33112	5.141	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	26540	5.153	ug/L	97
61) Bromoform	9.75	173	13877	4.908	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	40391	5.162	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	40773	5.110	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	40883	5.134	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	10024	5.786	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	27507	5.218	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	24793	4.990	ug/L	97
69) Naphthalene	13.53	128	100572	5.251	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	23943	4.866	ug/L	99

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

