

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015167.D
 Acq On : 26 Mar 2020 13:07
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:17:20 PM

Quant Time: Mar 26 14:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 14:13:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	632990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	596469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	265907	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34818	7.05	ug/L	0.00
7) Chloroethane-d5	1.58	69	35877	7.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	79480	7.97	ug/L	0.00
21) 2-Butanone-d5	3.95	46	64350	18.41	ug/L	0.01
24) Chloroform-d	4.38	84	76502	8.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	52492	9.41	ug/L	0.00
32) Benzene-d6	5.08	84	131139	8.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	47701	9.01	ug/L	0.00
41) Toluene-d8	7.34	98	113631	7.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	24322	8.36	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	54229	19.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	78469	9.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	51942	8.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	56645	11.093 ug/L	100
3) Chloromethane	1.25	50	64517	11.815 ug/L	99
5) Vinyl chloride	1.32	62	64070	11.570 ug/L	98
6) Bromomethane	1.53	94	41418	11.651 ug/L	97
8) Chloroethane	1.60	64	43510	11.133 ug/L	99
9) Trichlorofluoromethane	1.76	101	96759	10.802 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52922	11.455 ug/L	99
12) 1,1-Dichloroethene	2.13	96	52358	11.680 ug/L	99
13) Acetone	2.23	43	47384m	24.321 ug/L	
14) Carbon disulfide	2.31	76	131157	11.097 ug/L	99
15) Methyl Acetate	2.46	43	47930	11.221 ug/L	93
16) Methylene chloride	2.52	84	48673	11.368 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	45125	11.459 ug/L	99
18) Methyl tert-butyl Ether	2.79	73	153443	11.566 ug/L	99
19) 1,1-Dichloroethane	3.22	63	82877	11.495 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	49171	11.320 ug/L #	98
22) 2-Butanone	4.03	43	69326m	22.259 ug/L	
23) Bromochloromethane	4.28	128	24182	11.150 ug/L	92
25) Chloroform	4.41	83	88456	11.748 ug/L	98
27) 1,2-Dichloroethane	5.16	62	68633	11.667 ug/L	96
29) Cyclohexane	4.70	56	77696	11.822 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	80284	11.854 ug/L	99
31) Carbon tetrachloride	4.86	117	66332	11.413 ug/L	99
33) Benzene	5.13	78	184729	11.560 ug/L	100
34) Trichloroethene	5.94	95	48437	11.393 ug/L	98
35) Methylcyclohexane	6.15	83	79783	11.177 ug/L	98
37) 1,2-Dichloropropane	6.20	63	48605	12.019 ug/L #	92
38) Bromodichloromethane	6.53	83	67867	11.766 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	75619	10.805 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	146010	23.759 ug/L	99

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42) Toluene	7.41	91	203494	11.429	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	76016	11.261	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	48099	12.108	ug/L	95
46) Tetrachloroethene	8.00	164	31286	10.420	ug/L	96
48) 2-Hexanone	8.17	43	114143	24.355	ug/L	98
49) Dibromochloromethane	8.27	129	48500	10.764	ug/L	93
50) 1,2-Dibromoethane	8.38	107	49623	11.299	ug/L	98
51) Chlorobenzene	8.90	112	130471	11.314	ug/L	98
52) Ethylbenzene	9.04	91	229278	11.429	ug/L	100
53) m,p-Xylene	9.16	106	85293	10.808	ug/L	96
54) o-xylene	9.57	106	88788	11.572	ug/L	100
55) Styrene	9.58	104	143502	10.947	ug/L	95
56) Isopropylbenzene	9.95	105	224497	11.191	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	80001	11.895	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	63348	11.670	ug/L	99
61) Bromoform	9.75	173	30227	10.568	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	90826	11.152	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	91686	11.092	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	93958	11.472	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.45	75	21508	11.972	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	55394	10.194	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	53382	10.419	ug/L	99
69) Naphthalene	13.53	128	220086	11.126	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	54509	10.667	ug/L	99

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

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