

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015127.D
 Acq On : 25 Mar 2020 04:34
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Manual Integrations
 APPROVED

apatel
 3/25/2020 4:52:15 PM

Quant Time: Mar 25 07:11:25 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	588438	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	536575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	229830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45393	8.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	45202	9.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	89319	9.74	ug/L	0.00
21) 2-Butanone-d5	3.95	46	62784m	16.97	ug/L	0.02
24) Chloroform-d	4.38	84	82784	9.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	55719	10.15	ug/L	0.00
32) Benzene-d6	5.08	84	156091	9.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	53162	9.64	ug/L	0.00
41) Toluene-d8	7.34	98	142790	9.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	27921	9.64	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	50851	17.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	76057	9.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	51364	9.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	30746	7.262 ug/L	100
3) Chloromethane	1.25	50	55170	9.191 ug/L	96
5) Vinyl chloride	1.32	62	47591	8.538 ug/L	99
6) Bromomethane	1.53	94	34790	9.869 ug/L	93
8) Chloroethane	1.60	64	41196	9.434 ug/L	94
9) Trichlorofluoromethane	1.77	101	55112	8.048 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	26593	7.746 ug/L	92
12) 1,1-Dichloroethene	2.13	96	35877	9.327 ug/L	95
13) Acetone	2.22	43	33249m	11.590 ug/L	
14) Carbon disulfide	2.31	76	98291	9.970 ug/L	99
15) Methyl Acetate	2.46	43	45221	8.926 ug/L	95
16) Methylene chloride	2.52	84	45638	9.801 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	35334	9.262 ug/L	96
18) Methyl tert-butyl Ether	2.79	73	141308	9.475 ug/L	98
19) 1,1-Dichloroethane	3.21	63	72205	9.271 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	43288	9.545 ug/L #	98
22) 2-Butanone	4.04	43	52692m	13.326 ug/L	
23) Bromochloromethane	4.28	128	23246	10.090 ug/L	97
25) Chloroform	4.41	83	74226	9.486 ug/L	99
27) 1,2-Dichloroethane	5.16	62	57512	9.135 ug/L	95
29) Cyclohexane	4.70	56	40726	7.191 ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	57864	9.159 ug/L	100
31) Carbon tetrachloride	4.86	117	43700	8.361 ug/L	93
33) Benzene	5.12	78	149026	9.035 ug/L	100
34) Trichloroethene	5.94	95	35132	8.967 ug/L	95
35) Methylcyclohexane	6.15	83	38837	7.083 ug/L	95
37) 1,2-Dichloropropane	6.20	63	41877	9.382 ug/L	98
38) Bromodichloromethane	6.53	83	58508	9.462 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	63103	8.709 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	132823	17.795 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	156691	9.099	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	64170	9.419	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	42414	9.742	ug/L	96
46) Tetrachloroethene	8.00	164	22847	8.669	ug/L	91
48) 2-Hexanone	8.17	43	93425	16.308	ug/L	94
49) Dibromochloromethane	8.27	129	48272	9.730	ug/L	95
50) 1,2-Dibromoethane	8.37	107	45004	9.434	ug/L	97
51) Chlorobenzene	8.90	112	101417	9.159	ug/L	99
52) Ethylbenzene	9.03	91	154460	8.390	ug/L	100
53) m,p-Xylene	9.16	106	61380	8.770	ug/L	100
54) o-xylene	9.57	106	63434	8.699	ug/L	96
55) Styrene	9.58	104	111917	8.858	ug/L	97
56) Isopropylbenzene	9.95	105	144472	8.180	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	70488	9.478	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	56884	9.445	ug/L	99
61) Bromoform	9.76	173	32495	9.813	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	68237	8.990	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	69750	9.098	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	76253	9.550	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	19106	10.125	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	41786	8.214	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	41109	8.426	ug/L	98
69) Naphthalene	13.53	128	188193	15.347	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	45614	8.997	ug/L	96

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

