

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015141.D
 Acq On : 25 Mar 2020 17:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Manual Integrations
 APPROVED

apatel
 3/27/2020 5:58:12 PM

Quant Time: Mar 26 05:56:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 05:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	555571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	227588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	246751	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
7) Chloroethane-d5	2.89	69	208559	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.44%
10) 1,1-Dichloroethene-d2	4.02	63	481918	24.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.96%
20) 2-Butanone-d5	7.07	46	125573	57.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.00%
24) Chloroform-d	7.65	84	436132	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	8.31	65	252379	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	855836	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.27	67	280435	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.92%
37) Toluene-d8	10.32	98	754590	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.92%
38) trans-1,3-Dichloropropene-	10.57	79	109171	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.68%
39) 2-Hexanone-d5	10.92	63	90833	56.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	200014	26.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	202187	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	98765	22.850	ug/L	93
3) Chloromethane	2.21	50	173817	21.747	ug/L	97
5) Vinyl chloride	2.36	62	262093	23.535	ug/L	99
6) Bromomethane	2.78	94	140960	22.931	ug/L	98
8) Chloroethane	2.92	64	161196	23.777	ug/L	96
9) Trichlorofluoromethane	3.26	101	144178	23.132	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	206902	23.860	ug/L	99
12) 1,1-Dichloroethene	4.04	96	193362m	23.498	ug/L	
13) Acetone	4.12	43	98826	50.702	ug/L	99
14) Carbon disulfide	4.39	76	721847	23.582	ug/L	99
15) Methyl Acetate	4.67	43	112443	24.421	ug/L	98
16) Methylene chloride	4.92	84	222668	23.449	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	255520	23.913	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	199656	23.343	ug/L	96
19) 1,1-Dichloroethane	6.21	63	434383	23.700	ug/L	100
21) 2-Butanone	7.17	43	141566	51.279	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	202828	23.879	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	82856	23.760	ug/L	97
25) Chloroform	7.67	83	394605	23.833	ug/L	99
27) 1,2-Dichloroethane	8.40	62	286543	24.097	ug/L	100
30) Cyclohexane	7.96	56	413143	24.700	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	316532	23.504	ug/L	100
32) Carbon tetrachloride	8.07	117	273541	23.411	ug/L	99
34) Benzene	8.32	78	917837	24.202	ug/L	100
35) Trichloroethene	9.09	95	212275	22.993	ug/L	99
36) Methylcyclohexane	9.34	83	389615	24.565	ug/L	99
40) 1,2-Dichloropropane	9.37	63	249652	23.870	ug/L	99
41) Bromodichloromethane	9.64	83	281393	23.648	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	331217	24.103	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	308421	52.123	ug/L	99
44) Toluene	10.38	91	924595	24.656	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	294154	24.480	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	145600	23.683	ug/L	97
47) Tetrachloroethene	10.86	164	136217	22.863	ug/L	98
49) 2-Hexanone	10.97	43	216803	54.938	ug/L	99
50) Dibromochloromethane	11.13	129	149977	23.729	ug/L	100
51) 1,2-Dibromoethane	11.23	107	127494	23.416	ug/L	99
52) Chlorobenzene	11.65	112	514816	23.487	ug/L	99
53) Ethylbenzene	11.73	91	999154	24.667	ug/L	98
54) m,p-Xylene	11.83	106	354406	24.958	ug/L	96
55) o-xylene	12.16	106	330651	24.837	ug/L	98
56) Styrene	12.18	104	571727	25.234	ug/L	100
57) Isopropylbenzene	12.46	105	920810	25.105	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	185377	24.091	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	140681	24.443	ug/L	100
62) Bromoform	12.35	173	75265	22.748	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	348061	23.335	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	349842	22.924	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	321152	23.659	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	30053	23.243	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	223941	23.321	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	173393	23.957	ug/L	100
69) Naphthalene	15.36	128	348415	24.759	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	162583	24.173	ug/L	100

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

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