

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015495.D
 Acq On : 27 May 2020 11:03
 Operator : SY/VA
 Sample : L2755-10
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD4

Quant Time: May 28 02:16:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323935	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155575	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	66039	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	2.89	69	70759	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	4.02	63	165565	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.36%
20) 2-Butanone-d5	7.07	46	50995	47.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.66%
24) Chloroform-d	7.65	84	177960	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	8.31	65	103427	22.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.28%
29) Benzene-d6	8.27	84	345931	21.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.12%
33) 1,2-Dichloropropane-d6	9.27	67	107126	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
37) Toluene-d8	10.32	98	329659	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.36%
38) trans-1,3-Dichloropropene-	10.58	79	48454	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.80%
39) 2-Hexanone-d5	10.93	63	39362	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84224	23.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	117158	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	69907	19.960	ug/L	100
6) Bromomethane	2.79	94	31410	9.175	ug/L	100
9) Trichlorofluoromethane	3.26	101	53302	14.221	ug/L	99
12) 1,1-Dichloroethene	4.03	96	89949	20.947	ug/L	98
13) Acetone	4.12	43	78966	94.801	ug/L	100
15) Methyl Acetate	4.67	43	71123	39.467	ug/L	99
16) Methylene chloride	4.91	84	49597	11.221	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	206221	30.262	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	47207	10.258	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	125370	26.115	ug/L	98
23) Bromochloromethane	7.52	128	30813	14.884	ug/L	97
27) 1,2-Dichloroethane	8.40	62	58501	10.375	ug/L	100
30) Cyclohexane	7.96	56	81335	10.158	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	72772	10.042	ug/L	99
32) Carbon tetrachloride	8.07	117	85851	12.916	ug/L	97
35) Trichloroethene	9.09	95	202255	41.565	ug/L	99
36) Methylcyclohexane	9.34	83	226183	26.062	ug/L	100

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40) 1,2-Dichloropropane	9.37	63	59024	13.231	ug/L	99
41) Bromodichloromethane	9.65	83	121066	20.314	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	120754	16.915	ug/L	100
44) Toluene	10.39	91	414794	21.017	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	48756	7.848	ug/L	97
47) Tetrachloroethene	10.86	164	158829	41.176	ug/L	97
49) 2-Hexanone	10.97	43	59018	33.436	ug/L	96
50) Dibromochloromethane	11.13	129	76911	20.283	ug/L	97
53) Ethylbenzene	11.73	91	351416	15.506	ug/L	98
54) m,p-Xylene	11.85	106	88053	10.354	ug/L	99
55) o-xylene	12.16	106	102777	12.732	ug/L	99
57) Isopropylbenzene	12.46	105	284282	12.643	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	194351	20.415	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	88676	10.719	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	11669	18.594	ug/L	98

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

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