Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
Data File : VW018000.D
Acq On : 29 Jan 2021 14:32
Operator : SY/VA
Sample : VSTD00505
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00505

Quant Time: Jan 29 15:54:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 29 15:52:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	373858	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	349215	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	187159	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	25280	5.29	ug/L		0.00
7) Chloroethane-d5	2.885	69	19874	4.37	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.025	63	48002	5.11	ug/L		0.00
20) 2-Butanone-d5	7.080	46	12488	10.33	ug/L		0.00
24) Chloroform-d	7.647	84	50351	5.06	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	26922	5.19	ug/L		0.00
29) Benzene-d6	8.275	84	98670	5.11	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	27051	4.95	ug/L		0.00
37) Toluene-d8	10.323	98	92099	5.03	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	11075	4.73	ug/L		0.00
39) 2-Hexanone-d5	10.926	63	9687	10.43	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	23149	5.12	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	34038	5.19	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	24965	4.59	ug/L		94
3) Chloromethane	2.215	50	17125	3.48	ug/L		98
5) Vinyl chloride	2.367	62	25360	4.66	ug/L		98
6) Bromomethane	2.782	94	17953	3.95	ug/L		97
8) Chloroethane	2.928	64	14886	3.85	ug/L		100
9) Trichlorofluoromethane	3.257	101	17216	4.36	ug/L		98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	26140	4.94	ug/L	#	68
12) 1,1-Dichloroethene	4.044	96	23648	4.86	ug/L		95
13) Acetone	4.123	43	9743	9.96	ug/L		94
14) Carbon disulfide	4.391	76	67990	4.84	ug/L		95
15) Methyl Acetate	4.672	43	9784	4.89	ug/L		97
16) Methylene chloride	4.915	84	33118	5.31	ug/L		99
17) Methyl tert-butyl Ether	5.421	73	27438	5.16	ug/L		97
18) trans-1,2-Dichloroethene	5.427	96	25899	4.83	ug/L		94
19) 1,1-Dichloroethane	6.214	63	42386	4.73	ug/L		95
21) 2-Butanone	7.171	43	13636	10.69	ug/L		100
22) cis-1,2-Dichloroethene	7.171	96	26673	4.87	ug/L		97
23) Bromochloromethane	7.506	128	13058	5.22	ug/L		95
25) Chloroform	7.671	83	46679	4.85	ug/L		99
27) 1,2-Dichloroethane	8.396	62	30796	4.96	ug/L		98
30) Cyclohexane	7.958	56	37592	4.45	ug/L		93
31) 1,1,1-Trichloroethane	7.872	97	36846	4.71	ug/L		99
32) Carbon tetrachloride	8.067	117	35240	4.66	ug/L		99
34) Benzene	8.323	78	100829	4.83	ug/L		100
35) Trichloroethene	9.091	95	28170	4.82	ug/L		98
36) Methylcyclohexane	9.335	83	45905	4.61	ug/L		99
40) 1,2-Dichloropropane	9.366	63	22812	4.54	ug/L		100
41) Bromodichloromethane	9.646	83	31745	4.73	ug/L		97
42) cis-1,3-Dichloropropene	10.073	75	34755	4.66	ug/L		95
43) 4-Methyl-2-pentanone	10.207	43	26458	9.03	ug/L		95
44) Toluene	10.384	91	110915	4.83	ug/L		97
45) trans-1,3-Dichloropropene	10.603	75	29327	4.52	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	18985	4.98	ug/L		98
47) Tetrachloroethene	10.859	164	24013	5.08	ug/L		97
49) 2-Hexanone	10.969	43	18792	9.18	ug/L		94
50) Dibromochloromethane	11.128	129	21732	4.82	ug/L		97
51) 1,2-Dibromoethane	11.231	107	18956	5.07	ug/L	#	94
52) Chlorobenzene	11.658	112	72400	4.86	ug/L		95
53) Ethylbenzene	11.731	91	123448	4.72	ug/L		98
54) m,p-Xylene	11.841	106	47121	4.67	ug/L		99
55) o-xylene	12.164	106	44038	4.70	ug/L		87
56) Styrene	12.182	104	75145	4.74	ug/L		98
57) Isopropylbenzene	12.463	105	123483	4.68	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.713	83	22601	4.98	ug/L		99
59) 1,2,3-Trichloropropane	12.768	75	17179	5.15	ug/L		98
62) Bromoform	12.347	173	12918	5.11	ug/L	#	97
63) 1,3-Dichlorobenzene	13.499	146	57940	4.79	ug/L		98
64) 1,4-Dichlorobenzene	13.578	146	60567	5.01	ug/L		98
65) 1,2-Dichlorobenzene	13.871	146	52790	4.92	ug/L		99
66) 1,2-Dibromo-3-chloropr...	14.487	75	3791	4.98	ug/L		88
67) 1,3,5-Trichlorobenzene	14.627	180	45098	5.16	ug/L		97
68) 1,2,4-trichlorobenzene	15.133	180	36307	5.01	ug/L		91
69) Naphthalene	15.365	128	70044	4.97	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	34019	5.41	ug/L		97

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

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