

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017464.D
 Acq On : 24 Nov 2020 10:00
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00501

Manual Integrations
 APPROVED

mmdadoda
 11/26/2020 1:51:11 PM

Quant Time: Nov 24 11:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 11:21:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185280	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	27976	4.68	ug/L	0.00
7) Chloroethane-d5	2.90	69	25180	5.50	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	63722	6.37	ug/L	0.00
20) 2-Butanone-d5	7.09	46	12710	12.31	ug/L	0.00
24) Chloroform-d	7.65	84	63050	6.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	32312	6.29	ug/L	0.00
29) Benzene-d6	8.27	84	123470	6.06	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	34100	5.72	ug/L	0.00
37) Toluene-d8	10.33	98	110217	5.23	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	14753	5.34	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7693	7.97	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25470	5.25	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	37557	5.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	22311	5.892 ug/L	86
3) Chloromethane	2.22	50	21944	5.405 ug/L	97
5) Vinyl chloride	2.37	62	26173	4.674 ug/L	97
6) Bromomethane	2.79	94	19358	4.654 ug/L	98
8) Chloroethane	2.93	64	18324	5.216 ug/L	100
9) Trichlorofluoromethane	3.27	101	30060	5.914 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	31180	5.982 ug/L #	81
12) 1,1-Dichloroethene	4.05	96	29204	5.881 ug/L	90
13) Acetone	4.14	43	10934	14.731 ug/L	98
14) Carbon disulfide	4.39	76	81045	5.711 ug/L	100
15) Methyl Acetate	4.68	43	10330	6.358 ug/L	91
16) Methylene chloride	4.92	84	34838	4.598 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	33311	5.621 ug/L #	73
18) trans-1,2-Dichloroethene	5.44	96	30456m	5.750 ug/L	
19) 1,1-Dichloroethane	6.22	63	51939	6.322 ug/L	95
21) 2-Butanone	7.18	43	14512	13.197 ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	31933	5.792 ug/L	89
23) Bromochloromethane	7.52	128	15392	5.909 ug/L	84
25) Chloroform	7.68	83	55071	5.968 ug/L	99
27) 1,2-Dichloroethane	8.40	62	34520	6.028 ug/L	96
30) Cyclohexane	7.96	56	45086	6.513 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	46136	5.610 ug/L	99
32) Carbon tetrachloride	8.07	117	44356	5.495 ug/L	98
34) Benzene	8.32	78	118335	5.886 ug/L	100
35) Trichloroethene	9.09	95	31972	5.216 ug/L	97
36) Methylcyclohexane	9.34	83	52281	5.215 ug/L	98
40) 1,2-Dichloropropane	9.37	63	27908	5.531 ug/L	99
41) Bromodichloromethane	9.65	83	37865	5.376 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	41188	5.113 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	26830	10.894 ug/L	99

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44) Toluene	10.39	91	126677	5.183	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	35825	5.136	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	21907	5.072	ug/L	96
47) Tetrachloroethene	10.87	164	28393	4.826	ug/L	95
49) 2-Hexanone	10.97	43	19057	11.128	ug/L #	87
50) Dibromochloromethane	11.13	129	25760	4.878	ug/L	98
51) 1,2-Dibromoethane	11.24	107	20395	5.150	ug/L #	98
52) Chlorobenzene	11.66	112	83489	5.274	ug/L	93
53) Ethylbenzene	11.73	91	141612	5.339	ug/L	99
54) m,p-Xylene	11.84	106	54268	5.228	ug/L	92
55) o-xylene	12.17	106	50158	4.980	ug/L	98
56) Styrene	12.18	104	82527	4.813	ug/L	98
57) Isopropylbenzene	12.47	105	135408	4.827	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	24090	5.206	ug/L	93
59) 1,2,3-Trichloropropane	12.77	75	17364	5.249	ug/L	98
62) Bromoform	12.35	173	14368	5.082	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	64902	5.317	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	64442	5.247	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	55655	5.083	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.48	75	3564	5.550	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	46411	5.071	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	38260	4.717	ug/L	99
69) Naphthalene	15.36	128	56432	4.514	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	31130	4.322	ug/L	94

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

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