

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071124\
 Data File : VW036492.D
 Acq On : 11 Jul 2024 11:36
 Operator : SY/MD
 Sample : VSTD05016
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050216

Quant Time: Jul 12 01:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 01:09:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

07/15/2024
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	347731	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	361395	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	206364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	244355	49.049	ug/L	0.00
7) Chloroethane-d5	1.526	69	209502	48.099	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	119362	46.658	ug/L	0.00
21) 2-Butanone-d5	3.844	46	86924m	101.964	ug/L	0.00
24) Chloroform-d	4.240	84	485940	48.010	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	243124	48.429	ug/L	0.00
32) Benzene-d6	4.950	84	925476	51.331	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	269958	45.125	ug/L	0.00
41) Toluene-d8	7.236	98	909509	54.673	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	120270	53.836	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	67665	110.759	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	206545	45.641	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	339015	48.408	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	211735	42.014	ug/L	100
3) Chloromethane	1.211	50	164606	40.702	ug/L	97
5) Vinyl chloride	1.275	62	212455	42.693	ug/L	98
6) Bromomethane	1.481	94	167146	41.627	ug/L	99
8) Chloroethane	1.542	64	146649	42.596	ug/L	99
9) Trichlorofluoromethane	1.706	101	388114	43.941	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	260577	43.753	ug/L	99
12) 1,1-Dichloroethene	2.060	96	215044	41.863	ug/L	94
13) Acetone	2.163	43	84865m	59.241	ug/L	
14) Carbon disulfide	2.230	76	451545	39.150	ug/L	100
15) Methyl Acetate	2.388	43	69223	43.409	ug/L	99
16) Methylene chloride	2.439	84	271042	37.899	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	212949	45.617	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	545060	52.105	ug/L	100
19) 1,1-Dichloroethane	3.105	63	398804	47.197	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	246077	49.882	ug/L	98
22) 2-Butanone	3.908	43	97002m	103.729	ug/L	
23) Bromochloromethane	4.140	128	131011	47.541	ug/L	98
25) Chloroform	4.269	83	476000	47.443	ug/L	99
27) 1,2-Dichloroethane	5.034	62	281705	49.983	ug/L	99
29) Cyclohexane	4.574	56	237083	51.569	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	393255	46.810	ug/L	99
31) Carbon tetrachloride	4.728	117	346851	46.553	ug/L	98
33) Benzene	5.002	78	888785	49.696	ug/L	100
34) Trichloroethene	5.825	95	274451	48.225	ug/L	99
35) Methylcyclohexane	6.047	83	337474	51.958	ug/L	97
37) 1,2-Dichloropropane	6.085	63	235297	52.132	ug/L	99
38) Bromodichloromethane	6.426	83	346193	48.407	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	372160	53.471	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	214274	109.903	ug/L	94
42) Toluene	7.310	91	1012652	53.437	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	340896	54.934	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	216970	48.784	ug/L	99
46) Tetrachloroethene	7.902	164	216678	47.088	ug/L	99
48) 2-Hexanone	8.075	43	155447	101.694	ug/L	98
49) Dibromochloromethane	8.172	129	263534	49.000	ug/L	99
50) 1,2-Dibromoethane	8.278	107	206759	49.534	ug/L	100
51) Chlorobenzene	8.809	112	702674	49.511	ug/L	100
52) Ethylbenzene	8.940	91	1138812	56.021	ug/L	99
53) m,p-Xylene	9.069	106	446458	57.045	ug/L	99
54) o-Xylene	9.474	106	432696	58.069	ug/L	99
55) Styrene	9.490	104	788475	59.548	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	189972	46.776	ug/L	97
59) Bromoform	9.661	173	177331	48.485	ug/L	99
60) Isopropylbenzene	9.863	105	1178943	57.185	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	169445	46.150	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	887666	60.124	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	974942	60.688	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	622308	51.061	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	641344	49.007	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	585062	49.955	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	37181	46.804	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	475148	50.351	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	381291	50.802	ug/L	100
71) Naphthalene	13.435	128	609227	54.047	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	354561	49.933	ug/L	99

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

