

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036282.D
 Acq On : 25 Jun 2024 19:51
 Operator : SY/MD
 Sample : P3010-02MS
 Misc : 5.63g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CG2MS

Quant Time: Jun 26 04:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	714670	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	605971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	208352	15.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.440%
7) Chloroethane-d5	1.526	69	187854	17.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.720%
11) 1,1-Dichloroethene-d2	2.050	65	87972	15.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.160%
21) 2-Butanone-d5	3.854	46	46204	15.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.660%
24) Chloroform-d	4.243	84	446082	19.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.520%
26) 1,2-Dichloroethane-d4	4.937	65	249176	20.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.680%
32) Benzene-d6	4.953	84	863641	23.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	5.985	67	266913	23.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.239	98	749092	23.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	7.551	79	78423	16.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.440%
47) 2-Hexanone-d5	8.034	63	35688	23.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.440%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	197987	23.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	186428	22.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	111830	8.678	ug/L	98
3) Chloromethane	1.211	50	124761	8.436	ug/L	96
5) Vinyl chloride	1.275	62	137291	8.818	ug/L	98
6) Bromomethane	1.481	94	84288	8.727	ug/L	97
8) Chloroethane	1.542	64	93485	9.660	ug/L	96
9) Trichlorofluoromethane	1.706	101	203185	10.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	116298	9.478	ug/L	94
12) 1,1-Dichloroethene	2.060	96	110938	9.694	ug/L #	74
13) Acetone	2.159	43	40227	8.566	ug/L	98
14) Carbon disulfide	2.230	76	253274	6.373	ug/L	100
15) Methyl Acetate	2.388	43	34174	5.855	ug/L	90
16) Methylene chloride	2.439	84	179890	11.124	ug/L	91
17) trans-1,2-Dichloroethene	2.687	96	109548	9.011	ug/L	92
18) Methyl tert-butyl Ether	2.703	73	353565	12.955	ug/L	97
19) 1,1-Dichloroethane	3.105	63	243776	10.530	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	127725	10.456	ug/L	94
22) 2-Butanone	3.918	43	69922	17.548	ug/L #	74
23) Bromochloromethane	4.143	128	70946	11.578	ug/L	87
25) Chloroform	4.268	83	280267	11.768	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	166010	11.165	ug/L	99
29) Cyclohexane	4.574	56	127283	8.822	ug/L	92
30) 1,1,1-Trichloroethane	4.506	97	217544	13.132	ug/L	98
31) Carbon tetrachloride	4.728	117	176825	12.167	ug/L	99
33) Benzene	5.005	78	521589	13.161	ug/L	100
34) Trichloroethene	5.828	95	137400	11.312	ug/L	96
35) Methylcyclohexane	6.043	83	132344	7.879	ug/L	95
37) 1,2-Dichloropropane	6.092	63	134383	12.913	ug/L	98
38) Bromodichloromethane	6.429	83	183482	13.321	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	154467	9.924	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	117134	20.717	ug/L #	92
42) Toluene	7.313	91	509657	12.585	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	131896	9.811	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	110019	12.777	ug/L	98
46) Tetrachloroethene	7.902	164	91789	10.332	ug/L	99
48) 2-Hexanone	8.079	43	114197	25.835	ug/L #	83
49) Dibromochloromethane	8.175	129	122842	13.035	ug/L	100
50) 1,2-Dibromoethane	8.281	107	97769	11.833	ug/L	98
51) Chlorobenzene	8.812	112	302309	10.956	ug/L	96
52) Ethylbenzene	8.944	91	462869	10.683	ug/L	100
53) m,p-Xylene	9.072	106	177000	10.872	ug/L	97
54) o-Xylene	9.477	106	173929	11.329	ug/L	96
55) Styrene	9.493	104	265129	9.793	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	81466	10.566	ug/L	98
59) Bromoform	9.664	173	69962	16.336	ug/L	100
60) Isopropylbenzene	9.866	105	408808	14.031	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	85534	15.925	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	256542	12.143	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	291965	12.826	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	160876	10.514	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	159933	10.127	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	151963	10.554	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	16636	13.851	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	74517	6.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	49685	5.513	ug/L	97
71) Naphthalene	13.439	128	144001	9.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	40269	4.897	ug/L	97

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

