

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033036.D
 Acq On : 20 Nov 2023 20:54
 Operator : SY/MD
 Sample : 05436-08MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY1C1MS

Quant Time: Nov 20 23:44:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:40:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	323713	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	320796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	197261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69344	40.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.940%
7) Chloroethane-d5	1.532	69	54253	41.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.360%
11) 1,1-Dichloroethene-d2	2.059	65	27601	39.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.700%
21) 2-Butanone-d5	3.783	46	108888	101.116	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	4.249	84	196247	47.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
26) 1,2-Dichloroethane-d4	4.940	65	121604	46.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
32) Benzene-d6	4.960	84	335383	44.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.780%
36) 1,2-Dichloropropane-d6	5.989	67	98554	46.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	7.243	98	314777	44.139	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
43) trans-1,3-Dichloroprop...	7.551	79	57717	46.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.340%
47) 2-Hexanone-d5	8.024	63	95235	108.639	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	162792	50.484	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	163806	46.567	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	151622	43.354	ug/L	98
3) Chloromethane	1.214	50	107069	41.023	ug/L	99
5) Vinyl chloride	1.285	62	102528	42.348	ug/L	99
6) Bromomethane	1.484	94	64976	40.614	ug/L	97
8) Chloroethane	1.548	64	55811	41.677	ug/L	99
9) Trichlorofluoromethane	1.712	101	174680	44.565	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82014	42.435	ug/L	96
12) 1,1-Dichloroethene	2.069	96	77848	43.624	ug/L	98
13) Acetone	2.108	43	60133	57.072	ug/L	100
14) Carbon disulfide	2.243	76	256765	43.262	ug/L	98
15) Methyl Acetate	2.368	43	78559	42.530	ug/L	99
16) Methylene chloride	2.445	84	107232	42.414	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	101913	44.624	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	327535	45.719	ug/L	99
19) 1,1-Dichloroethane	3.111	63	175336	42.979	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	117576	45.917	ug/L	98
22) 2-Butanone	3.863	43	105823	77.568	ug/L	99
23) Bromochloromethane	4.146	128	62848	44.623	ug/L	96
25) Chloroform	4.275	83	207946	45.288	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	164440	45.907	ug/L	99
29) Cyclohexane	4.583	56	145497	47.009	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	196528	46.904	ug/L	99
31) Carbon tetrachloride	4.735	117	179155	45.883	ug/L	99
33) Benzene	5.011	78	422112	47.306	ug/L	100
34) Trichloroethene	5.831	95	124942	49.677	ug/L	98
35) Methylcyclohexane	6.050	83	171598	46.941	ug/L	98
37) 1,2-Dichloropropane	6.091	63	101118	46.169	ug/L	100
38) Bromodichloromethane	6.432	83	156558	46.006	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	175646	46.584	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	231718	96.724	ug/L	98
42) Toluene	7.316	91	467981	47.333	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	175714	46.376	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	112645	45.669	ug/L	98
46) Tetrachloroethene	7.905	164	100867	46.021	ug/L	97
48) 2-Hexanone	8.072	43	176341	93.042	ug/L	97
49) Dibromochloromethane	8.175	129	131077	46.109	ug/L	99
50) 1,2-Dibromoethane	8.281	107	122008	47.230	ug/L	96
51) Chlorobenzene	8.815	112	316741	45.146	ug/L	99
52) Ethylbenzene	8.947	91	530115	46.706	ug/L	99
53) m,p-Xylene	9.072	106	207700	46.576	ug/L	98
54) o-Xylene	9.480	106	204638	47.673	ug/L	99
55) Styrene	9.496	104	369571	48.264	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	165708	47.557	ug/L	100
59) Bromoform	9.667	173	105092	45.714	ug/L	100
60) Isopropylbenzene	9.869	105	565418	47.282	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	129957	45.668	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	443601	46.235	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	471167	46.877	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	287665	44.900	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	294497	43.244	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	286681	44.593	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	38814	46.886	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	212982	42.759	ug/L	99
70) 1,2,4-trichlorobenzene	13.200	180	196065	42.952	ug/L	99
71) Naphthalene	13.438	128	537876	47.640	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	203789	46.046	ug/L	99

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

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