

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031560.D
 Acq On : 16 Jun 2023 03:43
 Operator : SY/MD
 Sample : 03254-10MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW5MSD

Quant Time: Jun 16 06:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	258763	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	250518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	149506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	62144	36.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.180%
7) Chloroethane-d5	1.535	69	58098	38.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.320%
11) 1,1-Dichloroethene-d2	2.066	65	32390	36.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.980%
21) 2-Butanone-d5	3.796	46	118105	84.695	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.690%
24) Chloroform-d	4.259	84	177078	41.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	4.950	65	112020	41.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.020%
32) Benzene-d6	4.969	84	307713	43.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
36) 1,2-Dichloropropane-d6	5.995	67	107200	42.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.780%
41) Toluene-d8	7.249	98	288166	44.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
43) trans-1,3-Dichloroprop...	7.558	79	52042	42.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.420%
47) 2-Hexanone-d5	8.030	63	87280	88.448	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.450%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	160613	42.576	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.160%
66) 1,2-Dichlorobenzene-d4	11.567	152	119946	42.089	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	107433	39.142	ug/L	100
3) Chloromethane	1.217	50	106657	41.181	ug/L	98
5) Vinyl chloride	1.288	62	218831	85.234	ug/L	99
6) Bromomethane	1.490	94	67514	40.347	ug/L	90
8) Chloroethane	1.555	64	168129	101.391	ug/L	94
9) Trichlorofluoromethane	1.719	101	176328	41.282	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	91268	39.872	ug/L	98
12) 1,1-Dichloroethene	2.076	96	84084	43.916	ug/L	93
13) Acetone	2.124	43	77314	56.187	ug/L	98
14) Carbon disulfide	2.246	76	256979	44.371	ug/L	100
15) Methyl Acetate	2.381	43	80172	34.606	ug/L	99
16) Methylene chloride	2.455	84	101172	42.147	ug/L	92
17) trans-1,2-Dichloroethene	2.703	96	90519	45.291	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	306345	45.938	ug/L	99
19) 1,1-Dichloroethane	3.121	63	196527	45.561	ug/L	100
20) cis-1,2-Dichloroethene	3.821	96	169527	78.490	ug/L	96
22) 2-Butanone	3.879	43	126936	73.844	ug/L	98
23) Bromochloromethane	4.156	128	52126	44.647	ug/L	99
25) Chloroform	4.284	83	200876	44.798	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	165950	47.952	ug/L	98
29) Cyclohexane	4.593	56	143783	44.114	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	181893	45.286	ug/L	99
31) Carbon tetrachloride	4.744	117	161600	45.408	ug/L	99
33) Benzene	5.018	78	385590	46.230	ug/L	100
34) Trichloroethene	5.841	95	101704	45.632	ug/L	98
35) Methylcyclohexane	6.059	83	134935	41.089	ug/L	97
37) 1,2-Dichloropropane	6.098	63	110358	45.059	ug/L	100
38) Bromodichloromethane	6.439	83	150291	45.399	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	166963	45.924	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	267198	92.910	ug/L	99
42) Toluene	7.320	91	412434	47.692	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	161358	45.575	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	104884	45.333	ug/L	97
46) Tetrachloroethene	7.911	164	77076	44.062	ug/L	99
48) 2-Hexanone	8.082	43	204821	89.175	ug/L	97
49) Dibromochloromethane	8.181	129	120813	46.983	ug/L	93
50) 1,2-Dibromoethane	8.288	107	112728	45.758	ug/L	98
51) Chlorobenzene	8.818	112	262954	45.911	ug/L	98
52) Ethylbenzene	8.953	91	452674	46.911	ug/L	100
53) m,p-Xylene	9.079	106	167929	47.521	ug/L	98
54) o-Xylene	9.484	106	159185	47.469	ug/L	100
55) Styrene	9.500	104	294009	49.091	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	172015	45.502	ug/L	98
59) Bromoform	9.670	173	90756	48.972	ug/L #	100
60) Isopropylbenzene	9.873	105	452291	47.453	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	130630	44.237	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	372358	47.268	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	343992	46.865	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	219005	45.831	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	226488	44.478	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	220373	45.692	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	36900	42.102	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	157115	43.150	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	139789	43.799	ug/L	99
71) Naphthalene	13.445	128	375662	46.469	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	148575	44.797	ug/L	98

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

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