

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032874.D
 Acq On : 07 Nov 2023 17:01
 Operator : SY/MD
 Sample : 05226-10MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCG47MSD

Quant Time: Nov 08 01:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	249500	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	284126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	151750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71241	30.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.040%
7) Chloroethane-d5	1.529	69	71121	35.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.660%
11) 1,1-Dichloroethene-d2	2.060	65	33037	33.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.400%
21) 2-Butanone-d5	3.786	46	132381	128.609	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.610%
24) Chloroform-d	4.252	84	170068	44.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.944	65	106894	45.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	4.963	84	294863	40.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.720%
36) 1,2-Dichloropropane-d6	5.992	67	92319	41.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	7.246	98	290581	40.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.555	79	49876	43.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
47) 2-Hexanone-d5	8.027	63	100230	123.704	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	184506	54.784	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.560%
66) 1,2-Dichlorobenzene-d4	11.564	152	130117	44.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	81381	37.069	ug/L	98
3) Chloromethane	1.217	50	87983	41.425	ug/L	97
5) Vinyl chloride	1.285	62	91911	40.584	ug/L	99
6) Bromomethane	1.481	94	65285	41.314	ug/L	99
8) Chloroethane	1.545	64	68139	44.693	ug/L	99
9) Trichlorofluoromethane	1.712	101	147647	40.910	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87807	40.210	ug/L	100
12) 1,1-Dichloroethene	2.069	96	78172	41.891	ug/L	87
13) Acetone	2.111	43	111643	64.799	ug/L	99
14) Carbon disulfide	2.243	76	178726	40.121	ug/L	100
15) Methyl Acetate	2.375	43	101633	58.179	ug/L	97
16) Methylene chloride	2.449	84	99338	40.133	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	76781	43.109	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	274257	52.141	ug/L	99
19) 1,1-Dichloroethane	3.114	63	154498	45.517	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	92401	46.974	ug/L	99
22) 2-Butanone	3.870	43	133959	91.681	ug/L	97
23) Bromochloromethane	4.150	128	54167	49.337	ug/L	98
25) Chloroform	4.281	83	180727	46.716	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	141409	50.720	ug/L	97
29) Cyclohexane	4.587	56	97005	37.988	ug/L #	91
30) 1,1,1-Trichloroethane	4.516	97	149401	43.889	ug/L	99
31) Carbon tetrachloride	4.738	117	127689	42.449	ug/L	98
33) Benzene	5.014	78	346737	46.023	ug/L	100
34) Trichloroethene	5.838	95	87837	41.882	ug/L	94
35) Methylcyclohexane	6.053	83	120860	36.829	ug/L	99
37) 1,2-Dichloropropane	6.095	63	90131	45.068	ug/L	97
38) Bromodichloromethane	6.436	83	145130	46.257	ug/L #	99
39) cis-1,3-Dichloropropene	6.956	75	143851	47.946	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	298911	126.118	ug/L	100
42) Toluene	7.317	91	402687	46.934	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	147685	47.923	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	114143	49.760	ug/L	98
46) Tetrachloroethene	7.908	164	73292	38.731	ug/L	97
48) 2-Hexanone	8.079	43	239802	112.768	ug/L	97
49) Dibromochloromethane	8.178	129	118086	49.239	ug/L	98
50) 1,2-Dibromoethane	8.284	107	120961	51.760	ug/L	98
51) Chlorobenzene	8.815	112	271251	44.656	ug/L	98
52) Ethylbenzene	8.950	91	420142	44.392	ug/L	100
53) m,p-Xylene	9.075	106	159546	44.293	ug/L	98
54) o-Xylene	9.480	106	161001	46.137	ug/L	98
55) Styrene	9.500	104	295543	48.598	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	193110	56.209	ug/L	99
59) Bromoform	9.667	173	88265	51.878	ug/L	99
60) Isopropylbenzene	9.870	105	423814	46.053	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	141274	55.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	326919	45.143	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	322966	46.621	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	216579	45.174	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	221868	43.859	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	228968	46.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	40189	60.923	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	140427	40.573	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	128073	42.788	ug/L	100
71) Naphthalene	13.442	128	468463	62.674	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	147153	49.239	ug/L	99

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

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