

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033157.D
 Acq On : 07 Dec 2023 19:17
 Operator : SY/MD
 Sample : 05673-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHEH8MSD

Quant Time: Dec 08 01:41:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300005	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	301394	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	183914	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57957	32.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.640%
7) Chloroethane-d5	1.532	69	46640	37.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.640%
11) 1,1-Dichloroethene-d2	2.060	65	22948	33.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.280%
21) 2-Butanone-d5	3.780	46	86816	97.463	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.460%
24) Chloroform-d	4.249	84	163681	43.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
26) 1,2-Dichloroethane-d4	4.941	65	101924	43.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
32) Benzene-d6	4.960	84	279587	39.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.320%
36) 1,2-Dichloropropane-d6	5.989	67	77292	40.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.560%
41) Toluene-d8	7.243	98	267079	39.719	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.440%#
43) trans-1,3-Dichloroprop...	7.551	79	47120	39.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.640%
47) 2-Hexanone-d5	8.021	63	76681	100.710	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.710%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	132187	49.063	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	140418	42.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	159002	48.487	ug/L	99
3) Chloromethane	1.214	50	105266	48.671	ug/L	99
5) Vinyl chloride	1.285	62	101667	49.014	ug/L	99
6) Bromomethane	1.484	94	69694	51.492	ug/L	96
8) Chloroethane	1.548	64	55970	50.682	ug/L	99
9) Trichlorofluoromethane	1.716	101	179575	52.465	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84021	52.275	ug/L	98
12) 1,1-Dichloroethene	2.073	96	78244	52.022	ug/L	84
13) Acetone	2.108	43	53375	62.767	ug/L	100
14) Carbon disulfide	2.243	76	250566	46.433	ug/L	100
15) Methyl Acetate	2.368	43	64015	45.166	ug/L	99
16) Methylene chloride	2.446	84	96158	48.281	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	93854	47.526	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	306963	51.169	ug/L	99
19) 1,1-Dichloroethane	3.111	63	160388	49.071	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	136087	64.946	ug/L	96
22) 2-Butanone	3.864	43	85460	78.970	ug/L	99
23) Bromochloromethane	4.146	128	60305	50.122	ug/L	96
25) Chloroform	4.275	83	195330	51.963	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	153155	51.560	ug/L	99
29) Cyclohexane	4.584	56	132906	47.743	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	190331	51.098	ug/L	99
31) Carbon tetrachloride	4.735	117	180037	51.983	ug/L	98
33) Benzene	5.011	78	387511	50.738	ug/L	100
34) Trichloroethene	5.831	95	123258	54.019	ug/L	97
35) Methylcyclohexane	6.050	83	165735	50.047	ug/L	98
37) 1,2-Dichloropropane	6.092	63	88035	49.805	ug/L	99
38) Bromodichloromethane	6.433	83	144746	50.795	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	155577	48.506	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	189297	100.864	ug/L	98
42) Toluene	7.314	91	442960	51.468	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	162578	50.128	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	104932	51.200	ug/L	98
46) Tetrachloroethene	7.905	164	794754	405.183	ug/L	98
48) 2-Hexanone	8.072	43	138094	88.749	ug/L	97
49) Dibromochloromethane	8.175	129	125795	51.417	ug/L	99
50) 1,2-Dibromoethane	8.281	107	110246	50.456	ug/L	98
51) Chlorobenzene	8.812	112	302173	49.928	ug/L	98
52) Ethylbenzene	8.947	91	501314	50.605	ug/L	99
53) m,p-Xylene	9.072	106	203276	51.815	ug/L	93
54) o-Xylene	9.477	106	196515	50.763	ug/L	100
55) Styrene	9.497	104	350039	52.269	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	144513	51.610	ug/L	98
59) Bromoform	9.664	173	102299	51.250	ug/L	99
60) Isopropylbenzene	9.866	105	543624	51.264	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	117236	51.121	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	438333	51.304	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	455616	51.205	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	283661	50.070	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	287956	48.931	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	282979	50.950	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	34023	48.351	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	217898	48.017	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	203049	48.431	ug/L	99
71) Naphthalene	13.439	128	533893	52.217	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	205323	50.753	ug/L	97

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

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