

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035100.D
 Acq On : 10 Apr 2024 11:40
 Operator : SY/MD
 Sample : P1968-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E07R9MS

Quant Time: Apr 11 06:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	284476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	266667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104293	37.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.920%
7) Chloroethane-d5	1.526	69	102522	42.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	2.056	65	47297	39.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.540%
21) 2-Butanone-d5	3.783	46	235521	144.546	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.550%#
24) Chloroform-d	4.246	84	241608	52.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
26) 1,2-Dichloroethane-d4	4.941	65	158304	53.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.960%
32) Benzene-d6	4.957	84	432322	48.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	5.989	67	155503	54.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.340%
41) Toluene-d8	7.243	98	364780	45.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.440%
43) trans-1,3-Dichloroprop...	7.551	79	66939	48.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.820%
47) 2-Hexanone-d5	8.024	63	145729	135.507	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.510%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	242107	61.809	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.620%#
66) 1,2-Dichlorobenzene-d4	11.558	152	138770	48.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	76603	37.153	ug/L	99
3) Chloromethane	1.214	50	133686	50.436	ug/L	98
5) Vinyl chloride	1.282	62	124296	44.731	ug/L	98
6) Bromomethane	1.481	94	73369	35.224	ug/L	98
8) Chloroethane	1.542	64	93333	49.179	ug/L	99
9) Trichlorofluoromethane	1.709	101	156140	42.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92917	41.624	ug/L	99
12) 1,1-Dichloroethene	2.066	96	90446	42.363	ug/L	96
13) Acetone	2.114	43	192178	128.469	ug/L	99
14) Carbon disulfide	2.240	76	221816	36.893	ug/L	99
15) Methyl Acetate	2.372	43	202277	85.808	ug/L	99
16) Methylene chloride	2.445	84	147672	63.834	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	99118	48.019	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	523582	72.216	ug/L	98
19) 1,1-Dichloroethane	3.111	63	260749	61.600	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	135519	57.817	ug/L	99
22) 2-Butanone	3.863	43	260013	149.791	ug/L	100
23) Bromochloromethane	4.146	128	77144	65.782	ug/L	97
25) Chloroform	4.275	83	259164	61.927	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	223927	67.204	ug/L	98
29) Cyclohexane	4.580	56	133653	40.016	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	181153	52.115	ug/L	100
31) Carbon tetrachloride	4.732	117	139914	47.490	ug/L	100
33) Benzene	5.008	78	472930	54.387	ug/L	100
34) Trichloroethene	5.831	95	109936	46.846	ug/L	98
35) Methylcyclohexane	6.050	83	136634	38.552	ug/L	96
37) 1,2-Dichloropropane	6.092	63	153511	63.881	ug/L	99
38) Bromodichloromethane	6.432	83	198709	64.089	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	218890	57.822	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	505985	164.916	ug/L	99
42) Toluene	7.313	91	455722	50.059	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	208409	59.924	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	159442	70.394	ug/L	99
46) Tetrachloroethene	7.905	164	73726	44.968	ug/L	97
48) 2-Hexanone	8.072	43	413814	158.581	ug/L	98
49) Dibromochloromethane	8.175	129	148310	66.112	ug/L	100
50) 1,2-Dibromoethane	8.281	107	158463	64.983	ug/L	97
51) Chlorobenzene	8.812	112	293449	49.734	ug/L	99
52) Ethylbenzene	8.944	91	462727	45.862	ug/L	99
53) m,p-Xylene	9.072	106	169691	45.669	ug/L	99
54) o-Xylene	9.477	106	175302	47.683	ug/L	97
55) Styrene	9.493	104	311862	50.198	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	273492	74.525	ug/L	100
59) Bromoform	9.664	173	110220	74.745	ug/L	100
60) Isopropylbenzene	9.866	105	443617	47.821	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	219494	78.718	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	287629	47.742	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	364084	48.879	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	215521	49.715	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	224582	50.943	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	237436	54.981	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	63305	82.408	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	154718	49.520	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	146680	51.109	ug/L	98
71) Naphthalene	13.435	128	548446	68.880	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	166278	58.778	ug/L	99

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

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