

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033811.D
 Acq On : 22 Jan 2024 18:35
 Operator : SY/MD
 Sample : P1191-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMQ5MS

Quant Time: Jan 22 23:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219457	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66893	39.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.320%
7) Chloroethane-d5	1.529	69	56667	42.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.860%
11) 1,1-Dichloroethene-d2	2.060	65	31494	43.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.780%
21) 2-Butanone-d5	3.783	46	80898	69.928	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.930%
24) Chloroform-d	4.249	84	129811	43.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	4.940	65	84815	43.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	4.960	84	247068	42.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.340%
36) 1,2-Dichloropropane-d6	5.989	67	74945	39.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.640%
41) Toluene-d8	7.243	98	227037	43.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
43) trans-1,3-Dichloroprop...	7.551	79	38656	41.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.080%
47) 2-Hexanone-d5	8.021	63	58550	74.063	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	95665	39.319	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	89751	44.289	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	72747	39.846	ug/L	100
3) Chloromethane	1.217	50	83861	40.394	ug/L	99
5) Vinyl chloride	1.285	62	92290	46.468	ug/L	83
6) Bromomethane	1.484	94	40647	39.159	ug/L	100
8) Chloroethane	1.548	64	55907	47.208	ug/L	96
9) Trichlorofluoromethane	1.716	101	126357	53.315	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	68559	49.100	ug/L	97
12) 1,1-Dichloroethene	2.072	96	64545	49.006	ug/L	92
13) Acetone	2.111	43	62255	56.283	ug/L	99
14) Carbon disulfide	2.243	76	194535	43.457	ug/L	99
15) Methyl Acetate	2.371	43	68591	37.922	ug/L	# 100
16) Methylene chloride	2.449	84	72443	45.087	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	63983	43.489	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	242736	45.874	ug/L	99
19) 1,1-Dichloroethane	3.111	63	131974	43.877	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	76179	46.524	ug/L	96
22) 2-Butanone	3.863	43	85935	63.968	ug/L	96
23) Bromochloromethane	4.149	128	38080	47.872	ug/L	85
25) Chloroform	4.275	83	133784	46.912	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	111151	46.664	ug/L	100
29) Cyclohexane	4.584	56	119092	41.479	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	121753	49.816	ug/L	99
31) Carbon tetrachloride	4.735	117	104623	50.151	ug/L	100
33) Benzene	5.011	78	274935	45.962	ug/L	100
34) Trichloroethene	5.831	95	71698	44.683	ug/L	97
35) Methylcyclohexane	6.050	83	115066	41.902	ug/L	96
37) 1,2-Dichloropropane	6.092	63	73348	44.559	ug/L	99
38) Bromodichloromethane	6.432	83	100668	46.749	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	122736	44.651	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	197449	80.953	ug/L	98
42) Toluene	7.313	91	291250	46.060	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	114306	45.126	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	69736	46.692	ug/L	98
46) Tetrachloroethene	7.905	164	56188	47.741	ug/L	97
48) 2-Hexanone	8.072	43	139993	72.033	ug/L	98
49) Dibromochloromethane	8.175	129	72840	46.827	ug/L	98
50) 1,2-Dibromoethane	8.281	107	72654	46.032	ug/L	98
51) Chlorobenzene	8.812	112	188507	46.801	ug/L	99
52) Ethylbenzene	8.944	91	335372	45.791	ug/L	100
53) m,p-Xylene	9.072	106	124025	45.870	ug/L	99
54) o-Xylene	9.477	106	125409	46.850	ug/L	97
55) Styrene	9.493	104	211022	45.661	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	104477	43.955	ug/L	99
59) Bromoform	9.664	173	51643	45.492	ug/L	99
60) Isopropylbenzene	9.866	105	336169	46.518	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	82044	43.281	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	287818	46.419	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	288500	46.697	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	152349	46.672	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	153421	46.874	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	153583	48.152	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	22702	41.502	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	111423	46.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	98328	44.912	ug/L	99
71) Naphthalene	13.438	128	220156	38.482	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	94602	46.294	ug/L	99

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

