

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040424\
 Data File : VW034988.D
 Acq On : 04 Apr 2024 19:08
 Operator : SY/MD
 Sample : P1893-04MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E07D1MSD

Quant Time: Apr 04 21:39:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	473335	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	461431	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	236143	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	138831	30.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.740%
7) Chloroethane-d5	1.529	69	109866	27.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.340%#
11) 1,1-Dichloroethene-d2	2.056	65	65641	32.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.520%
21) 2-Butanone-d5	3.793	46	222197	81.958	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.960%
24) Chloroform-d	4.249	84	286540	37.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.560%
26) 1,2-Dichloroethane-d4	4.940	65	178218	36.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.040%
32) Benzene-d6	4.957	84	549303	35.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.880%
36) 1,2-Dichloropropane-d6	5.985	67	179109	36.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.780%
41) Toluene-d8	7.239	98	492799	35.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.600%#
43) trans-1,3-Dichloroprop...	7.551	79	84598	35.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.720%
47) 2-Hexanone-d5	8.027	63	146393	78.668	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.670%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	269016	39.690	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.380%
66) 1,2-Dichlorobenzene-d4	11.558	152	193196	36.439	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	128869	37.564	ug/L	100
3) Chloromethane	1.217	50	173576	39.357	ug/L	100
5) Vinyl chloride	1.285	62	184168	39.833	ug/L	99
6) Bromomethane	1.487	94	137677	39.725	ug/L	100
8) Chloroethane	1.545	64	109110	34.553	ug/L	100
9) Trichlorofluoromethane	1.709	101	256160	42.212	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	149741	40.315	ug/L	97
12) 1,1-Dichloroethene	2.066	96	145240	40.885	ug/L	93
13) Acetone	2.124	43	194940	78.320	ug/L	99
14) Carbon disulfide	2.240	76	372570	37.243	ug/L	100
15) Methyl Acetate	2.375	43	201972	51.493	ug/L	99
16) Methylene chloride	2.445	84	178120	46.275	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	150715	43.883	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	571099	47.341	ug/L	98
19) 1,1-Dichloroethane	3.108	63	334026	47.426	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	179546	46.037	ug/L	98
22) 2-Butanone	3.873	43	270164	93.540	ug/L	97
23) Bromochloromethane	4.146	128	92598	47.455	ug/L	98
25) Chloroform	4.275	83	331194	47.562	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	265164	47.828	ug/L	100
29) Cyclohexane	4.580	56	227350	39.338	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	273010	45.390	ug/L	99
31) Carbon tetrachloride	4.731	117	228155	44.754	ug/L	99
33) Benzene	5.008	78	679707	45.173	ug/L	100
34) Trichloroethene	5.831	95	175665	43.259	ug/L	98
35) Methylcyclohexane	6.047	83	237954	38.801	ug/L	99
37) 1,2-Dichloropropane	6.092	63	195304	46.969	ug/L	99
38) Bromodichloromethane	6.429	83	253816	47.309	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	294911	45.022	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	534342	100.648	ug/L	99
42) Toluene	7.313	91	720369	45.730	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	287836	47.829	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	188665	48.138	ug/L	99
46) Tetrachloroethene	7.902	164	125771	44.333	ug/L	96
48) 2-Hexanone	8.075	43	436349	96.637	ug/L	98
49) Dibromochloromethane	8.175	129	191927	49.444	ug/L	98
50) 1,2-Dibromoethane	8.278	107	197897	46.900	ug/L	97
51) Chlorobenzene	8.812	112	471654	46.197	ug/L	100
52) Ethylbenzene	8.944	91	789281	45.209	ug/L	99
53) m,p-Xylene	9.072	106	289513	45.030	ug/L	99
54) o-Xylene	9.477	106	293189	46.088	ug/L	98
55) Styrene	9.493	104	514092	47.822	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	320193	50.423	ug/L	99
59) Bromoform	9.664	173	146574	54.163	ug/L	99
60) Isopropylbenzene	9.866	105	774995	45.524	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	253702	49.579	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	514248	46.512	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	639921	46.813	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	369316	46.422	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	375083	46.362	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	383306	48.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	67957	48.205	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	262204	45.731	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	224072	42.545	ug/L	98
71) Naphthalene	13.438	128	647683	44.325	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	234127	45.098	ug/L	99

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

