

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034987.D
 Acq On : 04 Apr 2024 18:45
 Operator : SY/MD
 Sample : P1893-03MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E07D1MS

Quant Time: Apr 04 21:39:06 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	390533	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	386560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	197030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	141694	37.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.140%
7) Chloroethane-d5	1.529	69	136865	41.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	2.056	65	65999	39.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.840%
21) 2-Butanone-d5	3.793	46	218942	97.880	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	4.246	84	291955	46.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	4.941	65	179741	44.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
32) Benzene-d6	4.957	84	551575	42.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
36) 1,2-Dichloropropane-d6	5.986	67	180679	43.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.640%
41) Toluene-d8	7.239	98	496865	42.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.980%
43) trans-1,3-Dichloroprop...	7.551	79	84341	42.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.160%
47) 2-Hexanone-d5	8.024	63	140407	90.065	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.070%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	268234	47.240	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	192177	43.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	133641	47.215	ug/L	100
3) Chloromethane	1.214	50	169143	46.483	ug/L	100
5) Vinyl chloride	1.282	62	180767	47.387	ug/L	98
6) Bromomethane	1.487	94	127688	44.654	ug/L	99
8) Chloroethane	1.545	64	132876	51.002	ug/L	98
9) Trichlorofluoromethane	1.709	101	249928	49.918	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	154322	50.357	ug/L	99
12) 1,1-Dichloroethene	2.066	96	142035	48.460	ug/L	94
13) Acetone	2.124	43	185596	90.376	ug/L	99
14) Carbon disulfide	2.240	76	364120	44.115	ug/L	99
15) Methyl Acetate	2.375	43	197785	61.117	ug/L	100
16) Methylene chloride	2.445	84	175930	55.397	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	145921	51.495	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	552931	55.553	ug/L	98
19) 1,1-Dichloroethane	3.108	63	327207	56.308	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	173993	54.072	ug/L	98
22) 2-Butanone	3.873	43	253106	106.214	ug/L	98
23) Bromochloromethane	4.146	128	89297	55.466	ug/L	97
25) Chloroform	4.272	83	325089	56.584	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	260228	56.889	ug/L	100
29) Cyclohexane	4.580	56	227927	47.077	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	267754	53.138	ug/L	99
31) Carbon tetrachloride	4.732	117	224328	52.526	ug/L	98
33) Benzene	5.008	78	663640	52.648	ug/L	100
34) Trichloroethene	5.831	95	173057	50.872	ug/L	98
35) Methylcyclohexane	6.050	83	241489	47.004	ug/L	99
37) 1,2-Dichloropropane	6.088	63	194158	55.737	ug/L	100
38) Bromodichloromethane	6.429	83	247423	55.050	ug/L	96
39) cis-1,3-Dichloropropene	6.950	75	291274	53.079	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	508907	114.423	ug/L	99
42) Toluene	7.313	91	707082	53.580	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	274609	54.469	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	185485	56.493	ug/L	99
46) Tetrachloroethene	7.905	164	125584	52.841	ug/L	96
48) 2-Hexanone	8.075	43	425443	112.471	ug/L	98
49) Dibromochloromethane	8.175	129	183065	56.295	ug/L	99
50) 1,2-Dibromoethane	8.278	107	192816	54.547	ug/L	98
51) Chlorobenzene	8.812	112	456947	53.425	ug/L	100
52) Ethylbenzene	8.944	91	767094	52.448	ug/L	100
53) m,p-Xylene	9.072	106	286416	53.176	ug/L	99
54) o-Xylene	9.477	106	286620	53.782	ug/L	98
55) Styrene	9.493	104	502186	55.762	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	309720	58.221	ug/L	98
59) Bromoform	9.664	173	139631	61.841	ug/L	99
60) Isopropylbenzene	9.866	105	760064	53.510	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	247417	57.950	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	495025	53.662	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	621362	54.479	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	352857	53.158	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	357213	52.918	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	365929	55.339	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	66534	56.564	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	247677	51.772	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	216018	49.157	ug/L	100
71) Naphthalene	13.439	128	537668	44.101	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	222392	51.341	ug/L	99

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

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