

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036035.D
 Acq On : 06 Jun 2023 16:11
 Operator : JC/MD
 Sample : 02991-05MSD 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C06MSD

Quant Time: Jun 07 05:56:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	318716	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	106782	49.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.620%
7) Chloroethane-d5	1.672	69	80419	48.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.840%
11) 1,1-Dichloroethene-d2	2.306	65	54386	49.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.080%
21) 2-Butanone-d5	4.470	46	185073	104.272	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.270%
24) Chloroform-d	5.056	84	225927	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
26) 1,2-Dichloroethane-d4	5.952	65	163728	49.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.380%
32) Benzene-d6	5.976	84	439861	51.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
36) 1,2-Dichloropropane-d6	7.305	67	137732	52.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	8.646	98	400843	51.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	8.951	79	65975	52.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.060%
47) 2-Hexanone-d5	9.384	63	132633	112.753	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	190651	52.836	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.680%
66) 1,2-Dichlorobenzene-d4	12.323	152	141938	51.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	142553	46.964	ug/L	99
3) Chloromethane	1.294	50	133018	46.512	ug/L	97
5) Vinyl chloride	1.373	62	124649	47.023	ug/L	98
6) Bromomethane	1.617	94	74150	48.013	ug/L	98
8) Chloroethane	1.690	64	73687	46.862	ug/L	100
9) Trichlorofluoromethane	1.886	101	181204	48.598	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	112724	46.319	ug/L	99
12) 1,1-Dichloroethene	2.318	96	102555	48.423	ug/L	95
13) Acetone	2.404	43	126400	67.402	ug/L	99
14) Carbon disulfide	2.513	76	280392	48.243	ug/L	100
15) Methyl Acetate	2.709	43	141120	48.637	ug/L	99
16) Methylene chloride	2.788	84	114301	47.001	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	105793	46.624	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	426759	52.860	ug/L	99
19) 1,1-Dichloroethane	3.611	63	215410	47.617	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	150462	57.792	ug/L	98
22) 2-Butanone	4.574	43	201210	89.833	ug/L	100
23) Bromochloromethane	4.897	128	59909	46.362	ug/L	99
25) Chloroform	5.092	83	238390	48.444	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	200580	47.771	ug/L	99
29) Cyclohexane	5.470	56	197101	50.227	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	195971	50.053	ug/L	99
31) Carbon tetrachloride	5.678	117	163187	50.189	ug/L	99
33) Benzene	6.037	78	473690	50.325	ug/L	100
34) Trichloroethene	7.122	95	137747	54.335	ug/L	95
35) Methylcyclohexane	7.378	83	187469	50.374	ug/L	98
37) 1,2-Dichloropropane	7.427	63	123639	50.048	ug/L	99
38) Bromodichloromethane	7.823	83	156635	49.181	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	198008	51.300	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	394827	106.120	ug/L	100
42) Toluene	8.720	91	484647	49.506	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	182698	50.549	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	119484	49.419	ug/L	99
46) Tetrachloroethene	9.274	164	183831	103.696	ug/L	97
48) 2-Hexanone	9.433	43	301890	102.832	ug/L	100
49) Dibromochloromethane	9.518	129	116270	50.684	ug/L	97
50) 1,2-Dibromoethane	9.610	107	127380	49.860	ug/L	99
51) Chlorobenzene	10.079	112	309125	47.995	ug/L	100
52) Ethylbenzene	10.195	91	560886	49.745	ug/L	98
53) m,p-Xylene	10.299	106	208458	48.751	ug/L	99
54) o-Xylene	10.640	106	207043	49.538	ug/L	99
55) Styrene	10.652	104	352885	49.680	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	193294	50.864	ug/L	100
59) Bromoform	10.799	173	76027	51.153	ug/L	99
60) Isopropylbenzene	10.963	105	554484	50.952	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	157855	51.925	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	463379	51.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	427192	51.002	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	234173	49.691	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	234012	48.546	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	229539	49.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40856	53.215	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	138468	48.005	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	127452	48.372	ug/L	99
71) Naphthalene	13.774	128	444064	51.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124737	47.610	ug/L	99

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

