

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020623\
 Data File : VX034018.D
 Acq On : 06 Feb 2023 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050618

Quant Time: Feb 07 03:23:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	230236	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	199200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110058	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59306	38.677	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.360%		
7) Chloroethane-d5	1.666	69	42174	45.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.620%		
11) 1,1-Dichloroethene-d2	2.307	63	126163	44.904	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.800%		
21) 2-Butanone-d5	4.446	46	88020	100.123	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.120%		
24) Chloroform-d	5.050	84	128449	46.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.400%		
26) 1,2-Dichloroethane-d4	5.952	65	77345	46.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
32) Benzene-d6	5.970	84	262183	45.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
36) 1,2-Dichloropropane-d6	7.306	67	79865	47.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.620%		
41) Toluene-d8	8.647	98	243684	44.987	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.980%		
43) trans-1,3-Dichloroprop...	8.946	79	37696	49.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.420%		
47) 2-Hexanone-d5	9.384	63	65406	103.316	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.320%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103204	48.754	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.500%		
66) 1,2-Dichlorobenzene-d4	12.317	152	104216	47.309	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	83722	48.878	ug/L	100
3) Chloromethane	1.294	50	68042	43.520	ug/L	98
5) Vinyl chloride	1.374	62	71905	45.482	ug/L	100
6) Bromomethane	1.611	94	36024	43.941	ug/L	99
8) Chloroethane	1.691	64	39573	47.086	ug/L	98
9) Trichlorofluoromethane	1.892	101	111903	49.939	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	79413	51.247	ug/L	98
12) 1,1-Dichloroethene	2.319	96	68869	48.583	ug/L	90
13) Acetone	2.380	43	100196	110.782	ug/L	98
14) Carbon disulfide	2.514	76	196185	51.133	ug/L	100
15) Methyl Acetate	2.697	43	72137	50.063	ug/L	99
16) Methylene chloride	2.788	84	73477	48.948	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	73257	50.062	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	222585	52.242	ug/L	100
19) 1,1-Dichloroethane	3.605	63	129429	50.680	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	84118	50.301	ug/L	97
22) 2-Butanone	4.544	43	123224	109.655	ug/L	99
23) Bromochloromethane	4.898	128	46371	50.512	ug/L	97
25) Chloroform	5.093	83	136158	51.629	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	102801	50.788	ug/L	99
29) Cyclohexane	5.464	56	124698	51.182	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	117658	52.257	ug/L	99
31) Carbon tetrachloride	5.678	117	109943	52.486	ug/L	99
33) Benzene	6.031	78	297787	50.272	ug/L	100
34) Trichloroethene	7.123	95	81664	50.869	ug/L	98
35) Methylcyclohexane	7.379	83	133558	52.174	ug/L	99
37) 1,2-Dichloropropane	7.428	63	76608	50.778	ug/L	100
38) Bromodichloromethane	7.818	83	101396	52.855	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	123419	53.297	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	194536	104.780	ug/L	99
42) Toluene	8.714	91	321318	50.710	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	112137	54.420	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	77878	50.994	ug/L	99
46) Tetrachloroethene	9.275	164	78471	50.911	ug/L	99
48) 2-Hexanone	9.427	43	164301	111.045	ug/L	100
49) Dibromochloromethane	9.519	129	88962	53.988	ug/L	100
50) 1,2-Dibromoethane	9.610	107	84923	51.745	ug/L #	96
51) Chlorobenzene	10.079	112	219169	51.198	ug/L	98
52) Ethylbenzene	10.189	91	360249	51.734	ug/L	99
53) m,p-Xylene	10.299	106	143662	51.396	ug/L	99
54) o-Xylene	10.640	106	137684	50.985	ug/L	96
55) Styrene	10.653	104	236641	52.234	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	110670	51.547	ug/L	97
59) Bromoform	10.799	173	73041	54.532	ug/L	99
60) Isopropylbenzene	10.963	105	373224	51.908	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	83011	49.683	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	312111	53.032	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	304419	52.477	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	185100	51.772	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	184138	50.889	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	177454	50.759	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22000	53.744	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	141550	52.498	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	130663	53.382	ug/L	100
71) Naphthalene	13.774	128	364410	53.777	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	127955	52.955	ug/L	99

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

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