

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042465.D
 Acq On : 23 Jul 2024 12:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050753

Quant Time: Jul 24 03:39:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	261615	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	240867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131408	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66021	43.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.720%
7) Chloroethane-d5	1.648	69	42392	44.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.420%
11) 1,1-Dichloroethene-d2	2.294	65	26617	39.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.880%
21) 2-Butanone-d5	4.465	46	119395	108.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.056	84	159044	51.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.900%
26) 1,2-Dichloroethane-d4	5.952	65	97146	53.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.520%
32) Benzene-d6	5.970	84	318866	51.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
36) 1,2-Dichloropropane-d6	7.306	67	98368	52.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	8.647	98	302811	52.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.380%
43) trans-1,3-Dichloroprop...	8.952	79	43351	53.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.080%
47) 2-Hexanone-d5	9.384	63	94005	110.533	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.530%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146858	53.018	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	128277	50.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82265	43.962	ug/L	100
3) Chloromethane	1.301	50	81172	42.924	ug/L	99
5) Vinyl chloride	1.374	62	76470	41.113	ug/L	99
6) Bromomethane	1.593	94	38314	37.804	ug/L	95
8) Chloroethane	1.666	64	38615	41.652	ug/L	98
9) Trichlorofluoromethane	1.868	101	98126	40.536	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	72403	43.401	ug/L	99
12) 1,1-Dichloroethene	2.306	96	62503	39.554	ug/L	92
13) Acetone	2.392	43	77679	103.765	ug/L	99
14) Carbon disulfide	2.502	76	123178	31.334	ug/L	99
15) Methyl Acetate	2.709	43	82362	43.301	ug/L	98
16) Methylene chloride	2.782	84	73917	37.914	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	66986	41.215	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	258752	48.685	ug/L	99
19) 1,1-Dichloroethane	3.605	63	154069	52.790	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	94551	49.519	ug/L	97
22) 2-Butanone	4.568	43	152248	121.497	ug/L	98
23) Bromochloromethane	4.897	128	49873	48.875	ug/L	94
25) Chloroform	5.093	83	161960	52.926	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	120304	53.049	ug/L	100
29) Cyclohexane	5.464	56	126473	48.585	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	137274	52.347	ug/L	99
31) Carbon tetrachloride	5.672	117	118326	51.657	ug/L	99
33) Benzene	6.031	78	341931	50.764	ug/L	100
34) Trichloroethene	7.123	95	89659	50.817	ug/L	98
35) Methylcyclohexane	7.379	83	135789	50.758	ug/L	97
37) 1,2-Dichloropropane	7.428	63	94374	54.607	ug/L	98
38) Bromodichloromethane	7.818	83	114925	54.303	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	143200	56.273	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	288902	117.199	ug/L	97
42) Toluene	8.714	91	374699	52.135	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	130214	57.072	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	101095	54.670	ug/L	96
46) Tetrachloroethene	9.275	164	83384	50.490	ug/L	99
48) 2-Hexanone	9.433	43	231497	119.586	ug/L	98
49) Dibromochloromethane	9.519	129	101006	53.633	ug/L	99
50) 1,2-Dibromoethane	9.610	107	104299	52.517	ug/L	98
51) Chlorobenzene	10.079	112	255666	51.821	ug/L	99
52) Ethylbenzene	10.195	91	421168	53.925	ug/L	97
53) m,p-Xylene	10.299	106	167765	53.365	ug/L	99
54) o-Xylene	10.640	106	165908	52.833	ug/L	97
55) Styrene	10.653	104	286921	54.835	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	162091	54.614	ug/L	99
59) Bromoform	10.799	173	82967	50.369	ug/L	99
60) Isopropylbenzene	10.963	105	442168	53.744	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	124655	53.422	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	338552	54.115	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	363762	54.255	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	218188	52.880	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	219158	52.509	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	221909	52.246	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	32870	55.028	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	161556	53.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	146141	53.595	ug/L	98
71) Naphthalene	13.774	128	460994	54.689	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	152674	52.987	ug/L	98

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

