

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071323\
 Data File : VX036522.D
 Acq On : 13 Jul 2023 13:14
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050696

Quant Time: Jul 14 07:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 14 07:34:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	277259	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262583	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	90853	45.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.880%
7) Chloroethane-d5	1.660	69	92181	42.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.840%
11) 1,1-Dichloroethene-d2	2.306	65	38834	46.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.040%
21) 2-Butanone-d5	4.452	46	153908	111.429	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.430%
24) Chloroform-d	5.056	84	179374	49.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.952	65	126368	51.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
32) Benzene-d6	5.970	84	365867	49.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	7.305	67	119335	50.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.280%
41) Toluene-d8	8.647	98	344318	48.519	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	8.951	79	57332	51.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.200%
47) 2-Hexanone-d5	9.384	63	112917	108.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.950%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	165940	53.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	128114	50.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98373	50.868	ug/L	99
3) Chloromethane	1.294	50	124434	54.424	ug/L	99
5) Vinyl chloride	1.374	62	122184	51.520	ug/L	98
6) Bromomethane	1.611	94	120004	53.553	ug/L	97
8) Chloroethane	1.684	64	82588	47.560	ug/L	99
9) Trichlorofluoromethane	1.886	101	194898	51.935	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92376	51.972	ug/L	99
12) 1,1-Dichloroethene	2.319	96	88945	51.174	ug/L	95
13) Acetone	2.379	43	106285	101.465	ug/L	100
14) Carbon disulfide	2.514	76	225582	48.392	ug/L	99
15) Methyl Acetate	2.703	43	118979	57.130	ug/L	99
16) Methylene chloride	2.788	84	105493	55.007	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	92977	53.110	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	343122	56.375	ug/L	99
19) 1,1-Dichloroethane	3.605	63	185751	54.229	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	112985	55.221	ug/L	98
22) 2-Butanone	4.556	43	170114	111.668	ug/L	99
23) Bromochloromethane	4.897	128	58936	57.627	ug/L	98
25) Chloroform	5.092	83	209694	58.294	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	165075	58.014	ug/L	100
29) Cyclohexane	5.470	56	141780	48.831	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	155001	50.793	ug/L	97
31) Carbon tetrachloride	5.678	117	129132	50.492	ug/L	100
33) Benzene	6.037	78	411792	53.708	ug/L	100
34) Trichloroethene	7.123	95	109637	52.427	ug/L	98
35) Methylcyclohexane	7.379	83	150714	49.484	ug/L	100
37) 1,2-Dichloropropane	7.433	63	116043	55.049	ug/L	100
38) Bromodichloromethane	7.818	83	143718	54.675	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	182824	55.042	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	337483	114.863	ug/L	99
42) Toluene	8.720	91	439030	53.821	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	171691	56.135	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	115154	57.476	ug/L	97
46) Tetrachloroethene	9.275	164	77413	52.099	ug/L	97
48) 2-Hexanone	9.433	43	260159	113.305	ug/L	98
49) Dibromochloromethane	9.518	129	113544	56.452	ug/L	99
50) 1,2-Dibromoethane	9.610	107	120387	56.057	ug/L	97
51) Chlorobenzene	10.079	112	289609	54.606	ug/L	100
52) Ethylbenzene	10.195	91	477979	53.245	ug/L	99
53) m,p-Xylene	10.299	106	185379	54.120	ug/L	100
54) o-Xylene	10.640	106	185944	54.737	ug/L	93
55) Styrene	10.658	104	312306	55.147	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	178146	57.241	ug/L	98
59) Bromoform	10.799	173	78060	53.797	ug/L	98
60) Isopropylbenzene	10.963	105	465031	52.110	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	139629	55.715	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	392507	52.625	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	406373	54.318	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	217906	54.579	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	221203	54.877	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	217789	54.981	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	38194	57.193	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	145087	54.767	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	133556	53.439	ug/L	98
71) Naphthalene	13.774	128	482497	56.583	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	133538	54.840	ug/L	98

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

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