

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035299.D
 Acq On : 26 Apr 2023 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050637

Quant Time: Apr 27 04:40:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	441593	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	388348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	205859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116118	40.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.560%
7) Chloroethane-d5	1.672	69	84426	41.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.060%
11) 1,1-Dichloroethene-d2	2.306	65	63053	46.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
21) 2-Butanone-d5	4.459	46	162351	85.561	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	5.056	84	254649	47.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
26) 1,2-Dichloroethane-d4	5.952	65	162647	47.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	5.970	84	534446	47.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	7.306	67	159442	46.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.580%
41) Toluene-d8	8.647	98	495286	48.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
43) trans-1,3-Dichloroprop...	8.946	79	74756	50.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.400%
47) 2-Hexanone-d5	9.384	63	117650	85.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.970%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	198014	47.448	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	187724	47.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	150975	45.617	ug/L	99
3) Chloromethane	1.294	50	113523	37.691	ug/L	100
5) Vinyl chloride	1.374	62	121838	38.981	ug/L	97
6) Bromomethane	1.618	94	75986	40.933	ug/L	98
8) Chloroethane	1.691	64	70663	40.536	ug/L	98
9) Trichlorofluoromethane	1.886	101	196680	46.469	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	144438	49.951	ug/L	98
12) 1,1-Dichloroethene	2.319	96	123652	46.869	ug/L	97
13) Acetone	2.392	43	119426	84.860	ug/L	99
14) Carbon disulfide	2.514	76	290082	44.503	ug/L	100
15) Methyl Acetate	2.703	43	127683	42.353	ug/L	98
16) Methylene chloride	2.788	84	136827	46.578	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	124856	45.959	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	435292	46.332	ug/L	99
19) 1,1-Dichloroethane	3.611	63	242222	46.253	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	148749	46.832	ug/L	98
22) 2-Butanone	4.562	43	185074	85.676	ug/L	99
23) Bromochloromethane	4.891	128	76022	48.325	ug/L	93
25) Chloroform	5.086	83	256574	48.323	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	196023	46.094	ug/L	99
29) Cyclohexane	5.471	56	223870	47.710	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	217575	47.769	ug/L	98
31) Carbon tetrachloride	5.672	117	188436	48.790	ug/L	99
33) Benzene	6.038	78	530659	45.122	ug/L	100
34) Trichloroethene	7.123	95	146470	46.819	ug/L	98
35) Methylcyclohexane	7.379	83	234989	55.775	ug/L	99
37) 1,2-Dichloropropane	7.428	63	140539	45.389	ug/L	99
38) Bromodichloromethane	7.818	83	177520	48.523	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	227203	49.074	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	348711	85.433	ug/L	98
42) Toluene	8.714	91	575486	47.164	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	206725	49.555	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	139533	47.489	ug/L	98
46) Tetrachloroethene	9.275	164	120766	51.823	ug/L	96
48) 2-Hexanone	9.427	43	272317	87.872	ug/L	97
49) Dibromochloromethane	9.519	129	141672	50.737	ug/L	96
50) 1,2-Dibromoethane	9.610	107	145337	47.538	ug/L	100
51) Chlorobenzene	10.079	112	381715	47.485	ug/L	98
52) Ethylbenzene	10.189	91	659311	48.881	ug/L	97
53) m,p-Xylene	10.299	106	251354	48.665	ug/L	99
54) o-Xylene	10.640	106	245815	48.407	ug/L	98
55) Styrene	10.653	104	421712	49.015	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	204398	47.203	ug/L	97
59) Bromoform	10.799	173	98814	46.630	ug/L	99
60) Isopropylbenzene	10.963	105	672764	48.062	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	157621	41.472	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	568286	49.643	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	564952	49.633	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	309239	48.439	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	312071	47.771	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	302416	46.718	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	40755	43.457	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	220350	55.831	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	203568	55.084	ug/L	99
71) Naphthalene	13.774	128	632032	48.013	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	199488	54.680	ug/L	99

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

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