

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039340.D
 Acq On : 19 Dec 2023 02:34
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050709

Quant Time: Dec 19 04:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 22:55:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	209938	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100004	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69111	41.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.940%
7) Chloroethane-d5	1.666	69	53412	43.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	2.307	65	34834	48.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.380%
21) 2-Butanone-d5	4.453	46	161493	108.346	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.350%
24) Chloroform-d	5.062	84	151040	51.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.640%
26) 1,2-Dichloroethane-d4	5.958	65	101185	53.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.200%
32) Benzene-d6	5.977	84	296631	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
36) 1,2-Dichloropropane-d6	7.306	67	95950	48.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.460%
41) Toluene-d8	8.647	98	270735	48.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
43) trans-1,3-Dichloroprop...	8.946	79	44972	44.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.760%
47) 2-Hexanone-d5	9.385	63	117976	100.324	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141599	50.697	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.317	152	92001	48.671	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	90604	54.117	ug/L	97
3) Chloromethane	1.295	50	92561	52.894	ug/L	98
5) Vinyl chloride	1.374	62	87835	50.928	ug/L	100
6) Bromomethane	1.606	94	50981	54.764	ug/L	98
8) Chloroethane	1.685	64	49414	50.679	ug/L	98
9) Trichlorofluoromethane	1.886	101	123870	55.417	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	79367	55.200	ug/L	98
12) 1,1-Dichloroethene	2.319	96	75113	55.539	ug/L	96
13) Acetone	2.374	43	116169	81.128	ug/L	96
14) Carbon disulfide	2.514	76	212942	49.479	ug/L	100
15) Methyl Acetate	2.697	43	119701	58.485	ug/L	97
16) Methylene chloride	2.788	84	86231	55.494	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	75924	53.281	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	277123	55.870	ug/L	98
19) 1,1-Dichloroethane	3.611	63	156623	55.587	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	89740	54.295	ug/L	94
22) 2-Butanone	4.550	43	176635	100.514	ug/L	99
23) Bromochloromethane	4.898	128	41951	53.994	ug/L	95
25) Chloroform	5.093	83	160941	57.267	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	133852	60.345	ug/L	95
29) Cyclohexane	5.471	56	143855	51.875	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	131782	54.789	ug/L	97
31) Carbon tetrachloride	5.678	117	105690	52.667	ug/L	99
33) Benzene	6.038	78	322523	51.196	ug/L	100
34) Trichloroethene	7.123	95	89766	53.917	ug/L	95
35) Methylcyclohexane	7.379	83	138449	49.931	ug/L	97
37) 1,2-Dichloropropane	7.428	63	91597	52.426	ug/L	99
38) Bromodichloromethane	7.818	83	114364	53.816	ug/L	97
39) cis-1,3-Dichloropropene	8.367	75	140191	50.309	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	329732	112.605	ug/L	98
42) Toluene	8.714	91	352057	52.699	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	130793	50.578	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	86513	54.032	ug/L	96
46) Tetrachloroethene	9.275	164	56978	51.880	ug/L	99
48) 2-Hexanone	9.427	43	264442	107.900	ug/L	98
49) Dibromochloromethane	9.519	129	81473	52.231	ug/L	98
50) 1,2-Dibromoethane	9.610	107	92885	54.149	ug/L	99
51) Chlorobenzene	10.080	112	217523	52.714	ug/L	96
52) Ethylbenzene	10.195	91	399724	53.522	ug/L	98
53) m,p-Xylene	10.299	106	144677	51.812	ug/L	97
54) o-Xylene	10.640	106	140479	52.429	ug/L	95
55) Styrene	10.653	104	243019	53.008	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	150438	53.837	ug/L	99
59) Bromoform	10.799	173	55542	47.257	ug/L	100
60) Isopropylbenzene	10.964	105	385440	52.747	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	119911	54.737	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	326732	52.962	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	321533	53.152	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	162060	51.814	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	163721	51.657	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	157360	52.595	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	37395	54.695	ug/L	94
69) 1,3,5-Trichlorobenzene	13.110	180	106584	51.529	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	98027	50.272	ug/L	99
71) Naphthalene	13.774	128	345331	51.639	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	95975	50.832	ug/L	99

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

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