

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038618.D
 Acq On : 27 Oct 2023 22:23
 Operator : JC/MD
 Sample : VSTD01051
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010651

Quant Time: Oct 28 02:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	434588	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	424177	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	233905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	27489	8.829	ug/L	0.00
7) Chloroethane-d5	1.672	69	21594	6.760	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	12698	9.476	ug/L	0.00
21) 2-Butanone-d5	4.458	46	41919	19.362	ug/L	0.00
24) Chloroform-d	5.062	84	55481	9.725	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	35688	9.340	ug/L	0.00
32) Benzene-d6	5.976	84	107962	9.041	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	31135	8.361	ug/L	0.00
41) Toluene-d8	8.647	98	108941	9.434	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	13709	7.688	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	34229	19.874	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	49753	9.823	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	43474	9.712	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32772	10.122	ug/L	98
3) Chloromethane	1.300	50	25404	7.509	ug/L	99
5) Vinyl chloride	1.374	62	28334	7.849	ug/L	96
6) Bromomethane	1.611	94	18712	5.833	ug/L	95
8) Chloroethane	1.691	64	16553	6.671	ug/L	98
9) Trichlorofluoromethane	1.892	101	45849	7.888	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27576	9.478	ug/L	99
12) 1,1-Dichloroethene	2.319	96	26077	9.468	ug/L	94
13) Acetone	2.373	43	28009	17.667	ug/L	99
14) Carbon disulfide	2.514	76	67705	9.080	ug/L	97
15) Methyl Acetate	2.703	43	29468	9.279	ug/L	98
16) Methylene chloride	2.788	84	28322	9.523	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	25731	9.309	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	78794	8.531	ug/L	100
19) 1,1-Dichloroethane	3.611	63	43698	8.368	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	29750	9.275	ug/L	98
22) 2-Butanone	4.556	43	42973	18.476	ug/L	99
23) Bromochloromethane	4.903	128	15848	9.847	ug/L	91
25) Chloroform	5.099	83	51625	9.276	ug/L	96
27) 1,2-Dichloroethane	6.092	62	38850	8.896	ug/L	100
29) Cyclohexane	5.470	56	37341	7.883	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	43533	8.804	ug/L	99
31) Carbon tetrachloride	5.678	117	37675	8.906	ug/L	98
33) Benzene	6.043	78	105687	8.708	ug/L	100
34) Trichloroethene	7.129	95	29923	8.853	ug/L	98
35) Methylcyclohexane	7.379	83	43832	8.608	ug/L	97
37) 1,2-Dichloropropane	7.427	63	25759	7.880	ug/L	99
38) Bromodichloromethane	7.824	83	35360	8.500	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	35189	6.833	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	76897	16.809	ug/L	98
42) Toluene	8.720	91	118204	9.018	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	33652	7.074	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	28922	9.063	ug/L	99
46) Tetrachloroethene	9.275	164	24898	9.937	ug/L	97
48) 2-Hexanone	9.433	43	61013	17.034	ug/L	99
49) Dibromochloromethane	9.518	129	28568	8.838	ug/L	99
50) 1,2-Dibromoethane	9.610	107	32623	9.427	ug/L #	100
51) Chlorobenzene	10.079	112	80814	9.427	ug/L	97
52) Ethylbenzene	10.195	91	131045	9.010	ug/L	100
53) m,p-Xylene	10.305	106	51764	9.267	ug/L	95
54) o-Xylene	10.640	106	50035	9.122	ug/L	99
55) Styrene	10.659	104	82285	8.956	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	48873	9.713	ug/L	98
59) Bromoform	10.799	173	21040	8.274	ug/L	98
60) Isopropylbenzene	10.963	105	132202	8.501	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	38350	9.057	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	107112	8.263	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	106566	8.267	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	65310	9.293	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	69288	9.739	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	65960	9.504	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	10320	8.771	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.115	180	46960	9.827	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	43950	9.749	ug/L	99
71) Naphthalene	13.774	128	130150	8.781	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	42962	9.774	ug/L	99

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

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