

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040957.D
 Acq On : 10 Apr 2024 16:06
 Operator : JC/MD
 Sample : VSTD00568
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005668

Quant Time: Apr 11 05:26:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	305848	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	289892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	158787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	10255	4.714	ug/L	0.00
7) Chloroethane-d5	1.672	69	8571	4.825	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	4308	4.638	ug/L	0.00
21) 2-Butanone-d5	4.464	46	12845	10.840	ug/L	0.01
24) Chloroform-d	5.062	84	18970	4.674	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	13505	5.115	ug/L	0.00
32) Benzene-d6	5.976	84	36059	4.582	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	10520	4.583	ug/L	0.00
41) Toluene-d8	8.647	98	35857	4.664	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	4736	4.100	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	7887	8.125	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	15489	4.555	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	14843	4.660	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8992	4.465	ug/L	98
3) Chloromethane	1.300	50	8172	4.274	ug/L	100
5) Vinyl chloride	1.374	62	10207	4.443	ug/L	92
6) Bromomethane	1.611	94	6007	4.325	ug/L	99
8) Chloroethane	1.691	64	6407	4.482	ug/L	96
9) Trichlorofluoromethane	1.892	101	15869	4.384	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9024	4.362	ug/L	98
12) 1,1-Dichloroethene	2.325	96	7919	4.310	ug/L	86
13) Acetone	2.379	43	13034	10.148	ug/L	100
14) Carbon disulfide	2.514	76	19377	4.197	ug/L	99
15) Methyl Acetate	2.703	43	9913	4.446	ug/L	99
16) Methylene chloride	2.788	84	8247	4.307	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	8075	4.246	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	24786	4.152	ug/L	98
19) 1,1-Dichloroethane	3.617	63	14517	4.298	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	9312	4.298	ug/L	88
22) 2-Butanone	4.562	43	14431	8.584	ug/L	87
23) Bromochloromethane	4.897	128	5215	4.427	ug/L	89
25) Chloroform	5.098	83	16058	4.338	ug/L	94
27) 1,2-Dichloroethane	6.092	62	12936	4.348	ug/L	99
29) Cyclohexane	5.470	56	11837	4.076	ug/L #	64
30) 1,1,1-Trichloroethane	5.385	97	13347	4.108	ug/L	99
31) Carbon tetrachloride	5.684	117	11813	3.990	ug/L	97
33) Benzene	6.031	78	32263	4.290	ug/L	100
34) Trichloroethene	7.129	95	9516	4.410	ug/L	97
35) Methylcyclohexane	7.385	83	12521	4.092	ug/L	98
37) 1,2-Dichloropropane	7.433	63	8333	4.280	ug/L	99
38) Bromodichloromethane	7.824	83	10955	4.014	ug/L #	97
39) cis-1,3-Dichloropropene	8.366	75	12220	3.842	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	22866	7.755	ug/L	99
42) Toluene	8.720	91	34442	4.135	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	10832	3.644	ug/L	95

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45) 1,1,2-Trichloroethane	9.153	97	8980	4.247	ug/L	97
46) Tetrachloroethene	9.275	164	8235	4.053	ug/L	96
48) 2-Hexanone	9.433	43	19176	8.051	ug/L	96
49) Dibromochloromethane	9.518	129	8829	3.702	ug/L	100
50) 1,2-Dibromoethane	9.610	107	9289	4.072	ug/L	93
51) Chlorobenzene	10.079	112	24601	4.215	ug/L	98
52) Ethylbenzene	10.195	91	38177	4.040	ug/L	98
53) m,p-Xylene	10.299	106	14843	3.939	ug/L	97
54) o-Xylene	10.640	106	13852	3.812	ug/L	93
55) Styrene	10.658	104	23827	3.814	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	12843	3.920	ug/L	97
59) Bromoform	10.799	173	7607	3.904	ug/L	98
60) Isopropylbenzene	10.963	105	38440	4.141	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	10307	4.251	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	29512	3.944	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	29346	3.896	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	20230	4.153	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	21634	4.326	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	19966	4.225	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	2712	3.911	ug/L	85
69) 1,3,5-Trichlorobenzene	13.115	180	15051	4.035	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	14245	4.030	ug/L	95
71) Naphthalene	13.774	128	35229	3.637	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	14078	4.061	ug/L	99

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

