

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
 Data File : VX043475.D
 Acq On : 22 Oct 2024 10:02
 Operator : JC/MD
 Sample : VSTD10015
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100615

Quant Time: Oct 23 01:45:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 23 01:43:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	125025	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	113359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53931	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	74678	106.413	ug/L	0.00
7) Chloroethane-d5	1.654	69	33410	98.315	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	34663	105.863	ug/L	0.00
21) 2-Butanone-d5	4.464	46	89412	198.308	ug/L	-0.01
24) Chloroform-d	5.062	84	185475	106.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	110886	100.415	ug/L	0.00
32) Benzene-d6	5.970	84	336289	106.488	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	102706	105.483	ug/L	0.00
41) Toluene-d8	8.647	98	306646	106.748	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	46085	109.176	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	61238	202.005	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	110139	101.485	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	106137	102.232	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	102917	106.056	ug/L	98
3) Chloromethane	1.294	50	104188	107.144	ug/L	98
5) Vinyl chloride	1.380	62	96675	107.245	ug/L	98
6) Bromomethane	1.599	94	39113	103.996	ug/L	94
8) Chloroethane	1.672	64	32558	93.823	ug/L	95
9) Trichlorofluoromethane	1.867	101	132640	108.391	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	77080	107.333	ug/L	99
12) 1,1-Dichloroethene	2.312	96	72615	109.472	ug/L	95
13) Acetone	2.398	43	79112	177.439	ug/L	98
14) Carbon disulfide	2.507	76	164900	111.411	ug/L	96
15) Methyl Acetate	2.715	43	73502	94.344	ug/L	98
16) Methylene chloride	2.788	84	85410	103.581	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	79936	108.674	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	262586	103.142	ug/L	100
19) 1,1-Dichloroethane	3.611	63	162857	108.472	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	96667	106.900	ug/L	95
22) 2-Butanone	4.574	43	105021	194.942	ug/L	97
23) Bromochloromethane	4.897	128	44968	105.471	ug/L	94
25) Chloroform	5.092	83	177622	107.320	ug/L	96
27) 1,2-Dichloroethane	6.086	62	131297	103.114	ug/L #	93
29) Cyclohexane	5.464	56	129716	105.887	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	149161	109.726	ug/L	99
31) Carbon tetrachloride	5.678	117	118730	109.958	ug/L	99
33) Benzene	6.037	78	349900	108.146	ug/L	100
34) Trichloroethene	7.123	95	95153	110.666	ug/L	96
35) Methylcyclohexane	7.379	83	129098	109.442	ug/L	99
37) 1,2-Dichloropropane	7.427	63	90765	107.909	ug/L	99
38) Bromodichloromethane	7.824	83	115634	107.396	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	145071	112.677	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	196214	201.517	ug/L	99
42) Toluene	8.720	91	367320	109.970	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	125642	113.454	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	78971	103.384	ug/L	99
46) Tetrachloroethene	9.275	164	63686	109.519	ug/L	97
48) 2-Hexanone	9.433	43	152445	200.687	ug/L	96
49) Dibromochloromethane	9.518	129	77541	108.763	ug/L	98
50) 1,2-Dibromoethane	9.610	107	81263	103.223	ug/L	92
51) Chlorobenzene	10.079	112	233968	106.241	ug/L	99
52) Ethylbenzene	10.195	91	400592	110.375	ug/L	99
53) m,p-Xylene	10.299	106	151472	111.372	ug/L	94
54) o-Xylene	10.640	106	149749	107.529	ug/L	98
55) Styrene	10.652	104	258473	111.742	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	109369	100.716	ug/L	99
59) Bromoform	10.799	173	44966	105.174	ug/L	99
60) Isopropylbenzene	10.963	105	380517	107.009	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	88291	97.605	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	328828	108.200	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	334558	108.292	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	172130	106.086	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	171309	102.928	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	170439	105.401	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	20677	99.984	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.109	180	116533	110.497	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96648	109.573	ug/L	99
71) Naphthalene	13.774	128	276220	106.462	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	94392	106.433	ug/L	99

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

