

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033588.D
 Acq On : 12 Jan 2024 11:41
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Jan 12 23:09:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	141209	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	159977	18.649	ug/L	0.00
7) Chloroethane-d5	1.535	69	142986	19.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	71529	18.568	ug/L	0.00
20) 2-Butanone-d5	3.815	46	446738	208.285	ug/L	-0.02
24) Chloroform-d	4.249	84	355011	19.982	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	164408	20.448	ug/L	0.00
32) Benzene-d6	4.960	84	664269	20.787	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	213941	21.198	ug/L	0.00
41) Toluene-d8	7.243	98	583934	20.628	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	79449	19.779	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	342992	215.806	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	131379	19.531	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	209622	19.462	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	266007	21.195	ug/L	98
3) Chloromethane	1.217	50	313440	22.672	ug/L	99
5) Vinyl chloride	1.285	62	304702	22.937	ug/L	99
6) Bromomethane	1.490	94	152857	20.902	ug/L	98
8) Chloroethane	1.552	64	183588	22.491	ug/L	99
9) Trichlorofluoromethane	1.715	101	369957	22.654	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	204412	21.011	ug/L	99
12) 1,1-Dichloroethene	2.072	96	200214	22.399	ug/L	98
13) Acetone	2.159	43	277177	152.303	ug/L	92
14) Carbon disulfide	2.243	76	753358	26.404	ug/L	100
15) Methyl Acetate	2.391	43	83979	17.146	ug/L	100
16) Methylene chloride	2.449	84	223273	20.140	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	482196	20.101	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	232067	23.254	ug/L	99
19) 1,1-Dichloroethane	3.114	63	460990	21.473	ug/L	99
21) 2-Butanone	3.895	43	463203	188.869	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	244472	21.850	ug/L	96
23) Bromochloromethane	4.149	128	90565	21.146	ug/L	97
25) Chloroform	4.278	83	425951	21.335	ug/L	100
27) 1,2-Dichloroethane	5.043	62	250660	21.672	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	378950	22.022	ug/L	99
30) Cyclohexane	4.584	56	440743	23.389	ug/L	98
31) Carbon tetrachloride	4.735	117	326824	23.098	ug/L	98
33) Benzene	5.011	78	948066	22.570	ug/L	100
34) Trichloroethene	5.831	95	249962	22.222	ug/L	98
35) Methylcyclohexane	6.050	83	417948	23.023	ug/L	98
37) 1,2-Dichloropropane	6.091	63	240759	21.874	ug/L	99
38) Bromodichloromethane	6.432	83	293859	21.773	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	357900	21.836	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	1132778	196.499	ug/L	99
42) Toluene	7.313	91	1001449	22.354	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	284726	22.333	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	134084	20.468	ug/L	98
47) Tetrachloroethene	7.905	164	182924	22.960	ug/L	99
48) 2-Hexanone	8.075	43	796895	188.547	ug/L	99
49) Dibromochloromethane	8.175	129	168980	21.887	ug/L	99
50) 1,2-Dibromoethane	8.281	107	125214	20.578	ug/L	96
51) Chlorobenzene	8.812	112	611519	21.959	ug/L	99
52) Ethylbenzene	8.943	91	1143038	21.792	ug/L	99
53) m,p-Xylene	9.072	106	422448	21.823	ug/L	99
54) o-Xylene	9.477	106	413546	21.890	ug/L	100
55) Styrene	9.497	104	666491	21.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	148311	20.521	ug/L	98
59) Bromoform	9.664	173	87484	20.568	ug/L	99
60) Isopropylbenzene	9.866	105	1053631	19.496	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	112115	19.865	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	930137	20.314	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	953271	21.005	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	479266	20.662	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	459054	19.534	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	415978	20.490	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	27035	20.721	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	382152	21.436	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	308616	20.739	ug/L	99
71) Naphthalene	13.438	128	417678	20.293	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	244843	20.996	ug/L	99

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

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