

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034408.D
 Acq On : 26 Feb 2024 13:39
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010243

Quant Time: Feb 27 04:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:30:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	153508	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	141429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	73302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	93444	8.399	ug/L	0.00
7) Chloroethane-d5	1.532	69	83049	8.528	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	44167	8.218	ug/L	0.00
20) 2-Butanone-d5	3.806	46	273521	134.142	ug/L	-0.02
24) Chloroform-d	4.249	84	193557	9.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	101153	10.381	ug/L	0.00
32) Benzene-d6	4.960	84	341778	8.601	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	101335	9.025	ug/L	0.00
41) Toluene-d8	7.243	98	312298	8.601	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	43127	10.173	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	235401	140.721	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	81829	11.442	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	119178	9.368	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	99089	7.541	ug/L	98
3) Chloromethane	1.214	50	112032	7.676	ug/L	98
5) Vinyl chloride	1.282	62	115244	8.266	ug/L	99
6) Bromomethane	1.487	94	66659	8.825	ug/L	98
8) Chloroethane	1.548	64	75695	7.842	ug/L	100
9) Trichlorofluoromethane	1.712	101	190666	9.309	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	103838	9.653	ug/L	98
12) 1,1-Dichloroethene	2.069	96	97854	9.371	ug/L	90
13) Acetone	2.143	43	228065	139.683	ug/L	99
14) Carbon disulfide	2.240	76	265977	8.137	ug/L	99
15) Methyl Acetate	2.384	43	40761	10.912	ug/L	99
16) Methylene chloride	2.446	84	106551	10.348	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	268724	11.916	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	100081	9.385	ug/L	96
19) 1,1-Dichloroethane	3.111	63	194430	9.894	ug/L	100
21) 2-Butanone	3.886	43	293051	137.142	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	109721	9.079	ug/L	97
23) Bromochloromethane	4.146	128	47551	10.922	ug/L	99
25) Chloroform	4.275	83	202295	10.111	ug/L	97
27) 1,2-Dichloroethane	5.040	62	130624	11.223	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	181907	9.754	ug/L	99
30) Cyclohexane	4.580	56	155782	8.794	ug/L	99
31) Carbon tetrachloride	4.735	117	159024	9.785	ug/L	100
33) Benzene	5.008	78	401287	9.645	ug/L	100
34) Trichloroethene	5.831	95	108000	9.006	ug/L	98
35) Methylcyclohexane	6.050	83	165597	8.917	ug/L	99
37) 1,2-Dichloropropane	6.092	63	100346	9.975	ug/L	99
38) Bromodichloromethane	6.433	83	137710	10.315	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	154875	10.181	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	671616	129.829	ug/L	100
42) Toluene	7.314	91	430168	9.662	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	128857	10.998	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	70562	10.911	ug/L	97
47) Tetrachloroethene	7.905	164	84314	8.677	ug/L	97
48) 2-Hexanone	8.076	43	480508	131.681	ug/L	99
49) Dibromochloromethane	8.175	129	82715	10.977	ug/L	100
50) 1,2-Dibromoethane	8.281	107	66526	11.487	ug/L	97
51) Chlorobenzene	8.812	112	274211	9.696	ug/L	98
52) Ethylbenzene	8.947	91	490554	9.634	ug/L	99
53) m,p-Xylene	9.072	106	183263	9.541	ug/L	97
54) o-Xylene	9.477	106	178815	9.583	ug/L	98
55) Styrene	9.493	104	304405	10.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	84191	12.231	ug/L	97
59) Bromoform	9.667	173	41990	10.627	ug/L	98
60) Isopropylbenzene	9.866	105	465869	8.988	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	61551	11.923	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	406406	9.212	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	404086	9.380	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	226050	9.794	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	220525	9.635	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	207258	10.331	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	14991	13.401	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	170536	9.626	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	154753	10.850	ug/L	99
71) Naphthalene	13.439	128	275695	13.798	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	136526	11.800	ug/L	100

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

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