

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034407.D
 Acq On : 26 Feb 2024 13:15
 Operator : SY/MD
 Sample : VSTD00542
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005242

Quant Time: Feb 27 04:32:46 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	161851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	149350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46696	3.981	ug/L	0.00
7) Chloroethane-d5	1.536	69	41799	4.071	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	22118	3.903	ug/L	0.00
20) 2-Butanone-d5	3.822	46	130618	60.757	ug/L	0.00
24) Chloroform-d	4.253	84	95546	4.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	50071	4.874	ug/L	0.00
32) Benzene-d6	4.963	84	171989	4.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	50962	4.298	ug/L	0.00
41) Toluene-d8	7.243	98	152804	3.985	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	19586	4.375	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	116609	66.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	41078	5.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	58887	4.351	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	50452	3.642	ug/L	100
3) Chloromethane	1.217	50	59038	3.836	ug/L	100
5) Vinyl chloride	1.285	62	59761	4.065	ug/L	100
6) Bromomethane	1.491	94	34248	4.300	ug/L	100
8) Chloroethane	1.552	64	39693	3.900	ug/L	100
9) Trichlorofluoromethane	1.716	101	96316	4.460	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	51318	4.524	ug/L	100
12) 1,1-Dichloroethene	2.069	96	50040	4.545	ug/L	100
13) Acetone	2.156	43	108226	62.868	ug/L	100
14) Carbon disulfide	2.243	76	133882	3.885	ug/L	100
15) Methyl Acetate	2.391	43	21947	5.572	ug/L	100
16) Methylene chloride	2.449	84	55361	5.099	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	136468	5.740	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	51968	4.622	ug/L	100
19) 1,1-Dichloroethane	3.114	63	100542	4.852	ug/L	100
21) 2-Butanone	3.902	43	140309	62.277	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	56471	4.432	ug/L	100
23) Bromochloromethane	4.153	128	25312	5.514	ug/L	100
25) Chloroform	4.278	83	102909	4.878	ug/L	100
27) 1,2-Dichloroethane	5.047	62	65093	5.304	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	92998	4.722	ug/L	100
30) Cyclohexane	4.584	56	80506	4.304	ug/L	100
31) Carbon tetrachloride	4.738	117	80833	4.710	ug/L	100
33) Benzene	5.011	78	208992	4.757	ug/L	100
34) Trichloroethene	5.834	95	55533	4.385	ug/L	100
35) Methylcyclohexane	6.050	83	83960	4.281	ug/L	100
37) 1,2-Dichloropropane	6.095	63	52784	4.969	ug/L	100
38) Bromodichloromethane	6.436	83	69349	4.919	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	74392	4.631	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	344167	63.002	ug/L	100
42) Toluene	7.317	91	223927	4.763	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	59057	4.773	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	37309	5.463	ug/L	100
47) Tetrachloroethene	7.905	164	43689	4.258	ug/L	100
48) 2-Hexanone	8.076	43	239888	62.253	ug/L	100
49) Dibromochloromethane	8.178	129	41512	5.217	ug/L	100
50) 1,2-Dibromoethane	8.285	107	34320	5.612	ug/L	100
51) Chlorobenzene	8.815	112	144243	4.830	ug/L	100
52) Ethylbenzene	8.947	91	251614	4.679	ug/L	100
53) m,p-Xylene	9.072	106	93376	4.603	ug/L	100
54) o-Xylene	9.477	106	93437	4.742	ug/L	100
55) Styrene	9.497	104	154265	4.890	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	42558	5.855	ug/L	100
59) Bromoform	9.667	173	20348	4.841	ug/L	100
60) Isopropylbenzene	9.866	105	237063	4.299	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	31474	5.731	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	205948	4.388	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	205784	4.490	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	113835	4.636	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	112161	4.606	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	105419	4.939	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	7865	6.609	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	84763	4.498	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	76174	5.020	ug/L	100
71) Naphthalene	13.439	128	134223	6.314	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	67438	5.479	ug/L	100

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

