

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034409.D
 Acq On : 26 Feb 2024 14:02
 Operator : SY/MD
 Sample : VSTD02044
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020244

Quant Time: Feb 27 04:33:54 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	145844	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	72379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	186766	17.668	ug/L	0.00
7) Chloroethane-d5	1.532	69	159806	17.272	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	85363	16.717	ug/L	0.00
20) 2-Butanone-d5	3.799	46	540971	279.249	ug/L	-0.02
24) Chloroform-d	4.246	84	379889	19.541	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	198225	21.411	ug/L	0.00
32) Benzene-d6	4.957	84	668674	17.589	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	199896	18.611	ug/L	0.00
41) Toluene-d8	7.243	98	603602	17.377	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	88234	21.757	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	464919	290.524	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	155193	22.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	240023	19.108	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	189590	15.186	ug/L	98
3) Chloromethane	1.214	50	215732	15.557	ug/L	99
5) Vinyl chloride	1.282	62	224405	16.941	ug/L	98
6) Bromomethane	1.487	94	128203	17.864	ug/L	100
8) Chloroethane	1.548	64	143973	15.698	ug/L	99
9) Trichlorofluoromethane	1.712	101	377374	19.394	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	199646	19.534	ug/L	99
12) 1,1-Dichloroethene	2.066	96	190571	19.210	ug/L	99
13) Acetone	2.140	43	422858	272.597	ug/L	98
14) Carbon disulfide	2.237	76	531166	17.103	ug/L	99
15) Methyl Acetate	2.381	43	81425	22.943	ug/L	95
16) Methylene chloride	2.446	84	200444	20.490	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	515889	24.079	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	192255	18.976	ug/L	99
19) 1,1-Dichloroethane	3.108	63	371990	19.924	ug/L	99
21) 2-Butanone	3.880	43	560773	276.222	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	212861	18.538	ug/L	97
23) Bromochloromethane	4.146	128	92011	22.244	ug/L	99
25) Chloroform	4.275	83	386344	20.325	ug/L	98
27) 1,2-Dichloroethane	5.040	62	249872	22.596	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	349962	19.615	ug/L	100
30) Cyclohexane	4.580	56	301521	17.794	ug/L	99
31) Carbon tetrachloride	4.732	117	309619	19.914	ug/L	99
33) Benzene	5.008	78	767918	19.293	ug/L	100
34) Trichloroethene	5.831	95	206842	18.031	ug/L	98
35) Methylcyclohexane	6.050	83	314583	17.708	ug/L	98
37) 1,2-Dichloropropane	6.092	63	189977	19.741	ug/L	99
38) Bromodichloromethane	6.429	83	269091	21.069	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	305370	20.985	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1266756	255.975	ug/L	99
42) Toluene	7.314	91	818561	19.218	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	257637	22.987	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	132596	21.432	ug/L	99
47) Tetrachloroethene	7.905	164	161689	17.395	ug/L	98
48) 2-Hexanone	8.076	43	901328	258.201	ug/L	100
49) Dibromochloromethane	8.175	129	161395	22.389	ug/L	100
50) 1,2-Dibromoethane	8.281	107	125333	22.622	ug/L	98
51) Chlorobenzene	8.812	112	530483	19.609	ug/L	99
52) Ethylbenzene	8.944	91	936993	19.236	ug/L	100
53) m,p-Xylene	9.072	106	348403	18.960	ug/L	97
54) o-Xylene	9.477	106	345704	19.366	ug/L	100
55) Styrene	9.493	104	586208	20.514	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	157672	23.945	ug/L	97
59) Bromoform	9.664	173	84807	21.736	ug/L	99
60) Isopropylbenzene	9.866	105	895927	17.505	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	116414	22.837	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	800037	18.365	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	806345	18.956	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	439896	19.302	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	430377	19.043	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	402928	20.341	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	31400	28.428	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	343093	19.614	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	315737	22.419	ug/L	98
71) Naphthalene	13.439	128	555423	28.151	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	277970	24.332	ug/L	99

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

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