

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120222\
 Data File : VW029392.D
 Acq On : 02 Dec 2022 14:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005375

Quant Time: Dec 02 21:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	252070	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	230728	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	121118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65730	4.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.564	69	53774	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.108	63	113731	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.902	46	155178	59.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.600%
24) Chloroform-d	4.342	84	147768	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.027	65	63299	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.043	84	298967	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.066	67	89654	5.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.310	98	278864	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.616	79	33208	4.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.085	63	144867	58.829	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.660%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66756	6.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.800%#
66) 1,2-Dichlorobenzene-d4	11.612	152	103985	4.915	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	88367	4.698	ug/L	100
3) Chloromethane	1.240	50	96072	5.575	ug/L	99
5) Vinyl chloride	1.307	62	89521	5.213	ug/L	98
6) Bromomethane	1.519	94	42521	3.968	ug/L	99
8) Chloroethane	1.584	64	52951	5.188	ug/L	97
9) Trichlorofluoromethane	1.751	101	120865	5.028	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	65956	4.921	ug/L	99
12) 1,1-Dichloroethene	2.114	96	67232	5.187	ug/L	97
13) Acetone	2.198	43	82668	43.813	ug/L	83
14) Carbon disulfide	2.291	76	210673	5.594	ug/L	100
15) Methyl Acetate	2.442	43	23008	4.243	ug/L	93
16) Methylene chloride	2.503	84	85062	4.295	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	174381	5.262	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	80905	5.439	ug/L	98
19) 1,1-Dichloroethane	3.185	63	142690	5.330	ug/L	98
21) 2-Butanone	3.986	43	147789	50.033	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	89781	5.277	ug/L	97
23) Bromochloromethane	4.243	128	36685	5.383	ug/L	96
25) Chloroform	4.368	83	151458	5.418	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	80040	5.285	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	134096	5.053	ug/L	98
30) Cyclohexane	4.670	56	126568	4.825	ug/L	98
31) Carbon tetrachloride	4.822	117	112052	4.993	ug/L	98
33) Benzene	5.095	78	344914	4.998	ug/L	100
34) Trichloroethene	5.908	95	85547	4.859	ug/L	95
35) Methylcyclohexane	6.124	83	135805	4.570	ug/L	98
37) 1,2-Dichloropropane	6.166	63	82602	5.081	ug/L	99
38) Bromodichloromethane	6.503	83	105785	5.436	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	111319	4.685	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	387474	50.938	ug/L	99
42) Toluene	7.381	91	372256	5.026	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	89219	4.740	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	57317	5.208	ug/L	97
47) Tetrachloroethene	7.969	164	70019	4.852	ug/L	96
48) 2-Hexanone	8.137	43	263514	49.692	ug/L	96
49) Dibromochloromethane	8.239	129	69802	5.638	ug/L	96
50) 1,2-Dibromoethane	8.346	107	51266	5.338	ug/L	96
51) Chlorobenzene	8.873	112	234989	5.076	ug/L	99
52) Ethylbenzene	9.005	91	399285	5.171	ug/L	98
53) m,p-Xylene	9.130	106	154442	5.071	ug/L	98
54) o-Xylene	9.535	106	152510	5.098	ug/L	99
55) Styrene	9.555	104	263829	5.224	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	66184	5.812	ug/L	99
59) Bromoform	9.722	173	40179	6.314	ug/L	97
60) Isopropylbenzene	9.921	105	406097	5.186	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	45135	5.373	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	348608	5.142	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	348208	5.106	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	192204	5.261	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	188734	5.222	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	169571	5.038	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	10154	6.155	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	148519	4.934	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	122534	5.024	ug/L	99
71) Naphthalene	13.493	128	114768	5.436	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	101539	5.114	ug/L	99

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

