

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034184.D
 Acq On : 15 Feb 2024 12:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: Feb 16 00:38:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	74700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	68372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22435	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.536	69	20426	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.060	65	11014	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.818	46	42953	44.207	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.420%
24) Chloroform-d	4.249	84	48613	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	22898	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.960	84	86125	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.989	67	23871	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.243	98	80345	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.555	79	9153	4.227	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.027	63	31321	40.523	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14713	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	28174	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35255	5.150	ug/L	99
3) Chloromethane	1.217	50	35269	4.723	ug/L	98
5) Vinyl chloride	1.285	62	35428	4.965	ug/L	91
6) Bromomethane	1.491	94	20428	5.437	ug/L	99
8) Chloroethane	1.552	64	22939	4.713	ug/L	98
9) Trichlorofluoromethane	1.716	101	59917	5.827	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29624	5.512	ug/L	97
12) 1,1-Dichloroethene	2.069	96	27748	5.317	ug/L	96
13) Acetone	2.150	43	33003	44.772	ug/L	94
14) Carbon disulfide	2.243	76	74342	4.403	ug/L	99
15) Methyl Acetate	2.388	43	8865	5.082	ug/L	91
16) Methylene chloride	2.449	84	27510	5.494	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	53931	5.030	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	25969	4.886	ug/L	96
19) 1,1-Dichloroethane	3.111	63	50021	5.122	ug/L	98
21) 2-Butanone	3.902	43	41915	43.029	ug/L #	56
22) cis-1,2-Dichloroethene	3.815	96	28129	4.665	ug/L	98
23) Bromochloromethane	4.153	128	11325	5.402	ug/L	92
25) Chloroform	4.275	83	51673	5.234	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30398	5.377	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	51287	5.587	ug/L	99
30) Cyclohexane	4.580	56	41717	4.673	ug/L	94
31) Carbon tetrachloride	4.732	117	45407	5.653	ug/L	99
33) Benzene	5.008	78	103995	5.071	ug/L	100
34) Trichloroethene	5.831	95	29344	4.944	ug/L	98
35) Methylcyclohexane	6.047	83	45526	4.887	ug/L	97
37) 1,2-Dichloropropane	6.092	63	22805	4.591	ug/L	98
38) Bromodichloromethane	6.433	83	32972	5.057	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	36411	4.817	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	109177	45.897	ug/L	99
42) Toluene	7.314	91	112301	5.124	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	28958	4.990	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	15222	4.963	ug/L	95
47) Tetrachloroethene	7.902	164	23841	4.944	ug/L	95
48) 2-Hexanone	8.076	43	73245	43.683	ug/L	98
49) Dibromochloromethane	8.175	129	18803	5.159	ug/L	99
50) 1,2-Dibromoethane	8.281	107	13877	5.040	ug/L #	97
51) Chlorobenzene	8.812	112	71032	5.126	ug/L	98
52) Ethylbenzene	8.944	91	130429	5.170	ug/L	100
53) m,p-Xylene	9.072	106	49992	5.244	ug/L	99
54) o-Xylene	9.477	106	48617	5.289	ug/L	99
55) Styrene	9.497	104	79001	5.367	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	15121	4.671	ug/L	99
59) Bromoform	9.664	173	9732	4.894	ug/L	99
60) Isopropylbenzene	9.866	105	136194	5.099	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11371	4.582	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	115475	5.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	111642	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	59516	5.111	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	58594	5.081	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	51508	5.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2419	4.651	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	47606	5.282	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	35608	5.061	ug/L	98
71) Naphthalene	13.439	128	44432	4.820	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	28632	5.079	ug/L	99

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

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