

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021453.D
 Acq On : 01 Jun 2021 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005190

Quant Time: Jun 02 00:45:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	255648	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	233585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43400	4.013	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.565	69	44741	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.105	63	92559	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.925	46	191052	49.139	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	4.349	84	144166	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.034	65	67246	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.050	84	265048	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.069	67	85488	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	239477	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	36003	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.092	63	185684	51.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	73047	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	113933	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	87735	5.114	ug/L	100
3) Chloromethane	1.237	50	74689	4.965	ug/L	99
5) Vinyl chloride	1.307	62	80537	5.151	ug/L	99
6) Bromomethane	1.520	94	55279	5.402	ug/L	97
8) Chloroethane	1.581	64	47949	5.090	ug/L	98
9) Trichlorofluoromethane	1.748	101	131172	5.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	74191	5.519	ug/L	98
12) 1,1-Dichloroethene	2.114	96	66184	5.217	ug/L	98
13) Acetone	2.220	43	95909	43.753	ug/L #	33
14) Carbon disulfide	2.288	76	218446	5.126	ug/L	99
15) Methyl Acetate	2.449	43	31761	6.141	ug/L	100
16) Methylene chloride	2.503	84	85558	4.106	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	191770	5.233	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	82954	5.241	ug/L	98
19) 1,1-Dichloroethane	3.188	63	143103	5.119	ug/L	98
21) 2-Butanone	4.002	43	176199	47.189	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	90757	5.270	ug/L	98
23) Bromochloromethane	4.249	128	43236	5.583	ug/L	88
25) Chloroform	4.375	83	149811	5.232	ug/L	97

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Quant Time: Jun 02 00:45:03 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	79468	5.128	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	143530	5.476	ug/L	99
30) Cyclohexane	4.674	56	127871	4.954	ug/L	96
31) Carbon tetrachloride	4.825	117	130081	5.470	ug/L	99
33) Benzene	5.098	78	323066	5.304	ug/L	100
34) Trichloroethene	5.915	95	90083	5.381	ug/L	99
35) Methylcyclohexane	6.130	83	144643	5.248	ug/L	100
37) 1,2-Dichloropropane	6.175	63	78926	5.216	ug/L	99
38) Bromodichloromethane	6.510	83	110301	5.343	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	127550	5.268	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	473068	51.124	ug/L	99
42) Toluene	7.387	91	364288	5.404	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	107696	5.416	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	59589	5.329	ug/L	98
47) Tetrachloroethene	7.976	164	84947	5.566	ug/L	98
48) 2-Hexanone	8.143	43	323760	51.472	ug/L	98
49) Dibromochloromethane	8.246	129	84105	5.541	ug/L	96
50) 1,2-Dibromoethane	8.355	107	57855	5.367	ug/L	97
51) Chlorobenzene	8.883	112	241946	5.436	ug/L	98
52) Ethylbenzene	9.011	91	411969	5.463	ug/L	100
53) m,p-xylene	9.140	106	159801	5.501	ug/L	94
54) o-xylene	9.542	106	155992	5.495	ug/L	99
55) Styrene	9.561	104	264613	5.531	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	70065	5.320	ug/L	96
59) Bromoform	9.731	173	55035	5.459	ug/L	98
60) Isopropylbenzene	9.931	105	429327	5.203	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	48912	4.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	363257	5.170	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	375261	5.221	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	218329	5.372	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	214785	5.299	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	197982	5.265	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11616	4.791	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	194732	5.324	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	160219	5.280	ug/L	99
71) Naphthalene	13.503	128	234344	4.930	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	139742	5.189	ug/L	99

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

