

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060221\
 Data File : VV021469.D
 Acq On : 02 Jun 2021 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005192

Quant Time: Jun 03 02:12:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 02 00:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	252236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	230100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59899	5.613	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.200%
7) Chloroethane-d5	1.565	69	49197	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.105	63	109206	5.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.000%
20) 2-Butanone-d5	3.918	46	134848	35.153	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.300%
24) Chloroform-d	4.346	84	125442	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.034	65	55155	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.047	84	252642	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.069	67	73108	4.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.314	98	242345	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.622	79	30571	4.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.092	63	125791	35.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	55566	3.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	100556	4.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	86572	5.114	ug/L	100
3) Chloromethane	1.240	50	73856	4.976	ug/L	99
5) Vinyl chloride	1.307	62	80199	5.199	ug/L	100
6) Bromomethane	1.520	94	54881	5.436	ug/L	99
8) Chloroethane	1.581	64	47937	5.158	ug/L	99
9) Trichlorofluoromethane	1.748	101	130394	5.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	74074	5.585	ug/L	98
12) 1,1-Dichloroethene	2.114	96	67999	5.433	ug/L	96
13) Acetone	2.227	43	98569	45.574	ug/L #	26
14) Carbon disulfide	2.288	76	210962	5.017	ug/L	99
15) Methyl Acetate	2.442	43	28438	5.573	ug/L	98
16) Methylene chloride	2.503	84	82691	4.022	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	187380	5.182	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	81866	5.243	ug/L	100
19) 1,1-Dichloroethane	3.188	63	140194	5.083	ug/L	97
21) 2-Butanone	3.999	43	175063	47.519	ug/L #	74
22) cis-1,2-Dichloroethene	3.909	96	89636	5.276	ug/L	95
23) Bromochloromethane	4.249	128	41735	5.462	ug/L	92
25) Chloroform	4.375	83	146162	5.173	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	77600	5.076	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	139510	5.403	ug/L	98
30) Cyclohexane	4.674	56	126038	4.957	ug/L	98
31) Carbon tetrachloride	4.825	117	125417	5.354	ug/L	98
33) Benzene	5.095	78	316732	5.279	ug/L	100
34) Trichloroethene	5.912	95	87475	5.304	ug/L	98
35) Methylcyclohexane	6.127	83	141016	5.194	ug/L	99
37) 1,2-Dichloropropane	6.172	63	77824	5.221	ug/L	99
38) Bromodichloromethane	6.510	83	106355	5.230	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	123081	5.160	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	457709	50.213	ug/L	100
42) Toluene	7.387	91	353697	5.327	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	101763	5.195	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	57006	5.176	ug/L	97
47) Tetrachloroethene	7.973	164	82393	5.481	ug/L	98
48) 2-Hexanone	8.140	43	322409	52.034	ug/L	99
49) Dibromochloromethane	8.246	129	81504	5.451	ug/L	96
50) 1,2-Dibromoethane	8.352	107	56456	5.316	ug/L	99
51) Chlorobenzene	8.879	112	236268	5.389	ug/L	98
52) Ethylbenzene	9.011	91	396772	5.342	ug/L	99
53) m,p-xylene	9.137	106	153797	5.374	ug/L	99
54) o-xylene	9.542	106	147739	5.283	ug/L	94
55) Styrene	9.561	104	254746	5.405	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	66601	5.134	ug/L	95
59) Bromoform	9.731	173	51783	5.300	ug/L	97
60) Isopropylbenzene	9.931	105	412130	5.154	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	47799	4.979	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	344850	5.065	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	354101	5.083	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	203513	5.167	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	203333	5.176	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	188717	5.179	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	11403	4.853	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	186561	5.263	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	152250	5.177	ug/L	99
71) Naphthalene	13.503	128	221718	4.814	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	134232	5.144	ug/L	99

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

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