

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025376.D
 Acq On : 06 Apr 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

Quant Time: Apr 07 01:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45978	2.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.568	69	46460	3.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.111	63	110272	3.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.883	46	77589	49.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.540%
24) Chloroform-d	4.352	84	88525	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.034	65	37623	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.053	84	163332	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.072	67	47601	4.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.317	98	149049	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.625	79	15832	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	63114	47.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33290	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54407	4.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	65097	3.850	ug/L	99
3) Chloromethane	1.243	50	75987	3.811	ug/L	99
5) Vinyl chloride	1.314	62	82636	3.710	ug/L	97
6) Bromomethane	1.523	94	64511	4.879	ug/L	99
8) Chloroethane	1.587	64	55429	3.966	ug/L	98
9) Trichlorofluoromethane	1.754	101	121440	4.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	64147	3.587	ug/L	97
12) 1,1-Dichloroethene	2.121	96	68817	4.038	ug/L	95
13) Acetone	2.166	43	66587	55.407	ug/L	83
14) Carbon disulfide	2.298	76	146863	4.160	ug/L	99
15) Methyl Acetate	2.436	43	14458	5.285	ug/L	97
16) Methylene chloride	2.510	84	62001	4.634	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	110718	5.135	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	58342	4.770	ug/L	97
19) 1,1-Dichloroethane	3.191	63	98542	4.826	ug/L	98
21) 2-Butanone	3.963	43	87344	52.819	ug/L	82
22) cis-1,2-Dichloroethene	3.915	96	62074	4.995	ug/L	95
23) Bromochloromethane	4.253	128	26044	5.025	ug/L	97
25) Chloroform	4.378	83	110308	4.869	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	57576	4.921	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	93436	4.858	ug/L	99
30) Cyclohexane	4.677	56	75195	4.372	ug/L	99
31) Carbon tetrachloride	4.828	117	76502	4.596	ug/L	100
33) Benzene	5.101	78	233214	4.999	ug/L	100
34) Trichloroethene	5.915	95	62116	4.849	ug/L	95
35) Methylcyclohexane	6.130	83	84274	4.198	ug/L	100
37) 1,2-Dichloropropane	6.175	63	54272	5.015	ug/L	99
38) Bromodichloromethane	6.510	83	69279	5.053	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	70282	5.008	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	226550	52.430	ug/L	98
42) Toluene	7.387	91	254389	5.108	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	53657	4.864	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	38576	5.206	ug/L	98
47) Tetrachloroethene	7.976	164	46027	4.872	ug/L	96
48) 2-Hexanone	8.137	43	163518	52.911	ug/L	100
49) Dibromochloromethane	8.246	129	40805	5.117	ug/L	94
50) 1,2-Dibromoethane	8.352	107	34599	5.012	ug/L #	98
51) Chlorobenzene	8.879	112	163064	5.070	ug/L	99
52) Ethylbenzene	9.011	91	267508	5.064	ug/L	98
53) m,p-Xylene	9.140	106	106756	5.196	ug/L	100
54) o-Xylene	9.542	106	101923	5.190	ug/L	96
55) Styrene	9.561	104	170258	5.272	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	38807	5.024	ug/L	97
59) Bromoform	9.728	173	17463	5.280	ug/L #	98
60) Isopropylbenzene	9.931	105	272652	5.081	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29737	4.857	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	116745	4.852	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	215452	5.019	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	124922	4.971	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	124787	4.958	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111604	5.046	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	4954	4.519	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	91308	5.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	74020	5.411	ug/L	97
71) Naphthalene	13.500	128	116219	5.452	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	65548	5.562	ug/L	98

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

