

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024592.D
 Acq On : 11 Feb 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Feb 11 12:41:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116598	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43737	4.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.568	69	38483	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.111	63	102876	4.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.892	46	88500	54.546	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.100%
24) Chloroform-d	4.346	84	86076	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.030	65	40948	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.047	84	169698	5.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.066	67	50988	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.313	98	155810	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.622	79	19649	4.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.085	63	74189	51.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.660%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31858	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	48231	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82075	5.357	ug/L	99
3) Chloromethane	1.243	50	75496	5.008	ug/L	97
5) Vinyl chloride	1.314	62	81641	5.029	ug/L	98
6) Bromomethane	1.523	94	49703	4.973	ug/L	100
8) Chloroethane	1.587	64	51659	5.195	ug/L	98
9) Trichlorofluoromethane	1.754	101	118145	5.385	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63423	5.185	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	61253	5.074	ug/L	95
13) Acetone	2.188	43	65575	51.214	ug/L	72
14) Carbon disulfide	2.297	76	187771	4.894	ug/L	99
15) Methyl Acetate	2.439	43	17564	4.797	ug/L	100
16) Methylene chloride	2.506	84	59988	5.016	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	127789	5.137	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	62274	5.251	ug/L	92
19) 1,1-Dichloroethane	3.188	63	111036	5.421	ug/L	98
21) 2-Butanone	3.976	43	112826	53.169	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	66037	5.523	ug/L	96
23) Bromochloromethane	4.246	128	25011	5.508	ug/L	87
25) Chloroform	4.371	83	112571	5.251	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	62881	5.349	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	102779	5.442	ug/L	98
30) Cyclohexane	4.677	56	104940	5.393	ug/L	96
31) Carbon tetrachloride	4.825	117	86917	5.434	ug/L	100
33) Benzene	5.098	78	248546	5.532	ug/L	100
34) Trichloroethene	5.911	95	67701	5.472	ug/L	89
35) Methylcyclohexane	6.127	83	108490	5.301	ug/L	98
37) 1,2-Dichloropropane	6.169	63	60741	5.577	ug/L #	96
38) Bromodichloromethane	6.506	83	77451	5.351	ug/L #	97
39) cis-1,3-Dichloropropene	7.024	75	86872	5.235	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	299838	53.351	ug/L	100
42) Toluene	7.384	91	265962	5.434	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	69984	5.105	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	37869	5.366	ug/L	97
47) Tetrachloroethene	7.972	164	44120	5.375	ug/L	89
48) 2-Hexanone	8.136	43	207521	53.943	ug/L	99
49) Dibromochloromethane	8.242	129	44486	5.220	ug/L	98
50) 1,2-Dibromoethane	8.349	107	35730	5.394	ug/L #	94
51) Chlorobenzene	8.879	112	161876	5.396	ug/L	94
52) Ethylbenzene	9.011	91	292866	5.377	ug/L	97
53) m,p-xylene	9.136	106	109434	5.305	ug/L	95
54) o-xylene	9.541	106	107182	5.388	ug/L	91
55) Styrene	9.558	104	178751	5.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38875	5.438	ug/L	99
59) Bromoform	9.728	173	19706	5.166	ug/L #	99
60) Isopropylbenzene	9.927	105	290036	5.356	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	32054	5.446	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	249770	5.387	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	248758	5.397	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	118811	5.391	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	115497	5.276	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	105249	5.379	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5885	5.148	ug/L #	67
69) 1,3,5-Trichlorobenzene	12.644	180	82830	5.282	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	66442	5.247	ug/L	97
71) Naphthalene	13.500	128	116648	5.086	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55139	5.177	ug/L	98

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

