

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023320.D
 Acq On : 10 Nov 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Nov 11 00:32:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 10 00:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126703	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31160	3.926	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.564	69	28614	4.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.108	63	65088	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.899	46	76542	55.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	4.346	84	80278	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.031	65	37490	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.050	84	146056	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.069	67	44882	4.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.313	98	136801	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	16035	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.088	63	68843	51.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34408	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	53723	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	60782	4.920	ug/L	99
3) Chloromethane	1.236	50	54791	5.216	ug/L	96
5) Vinyl chloride	1.307	62	55907	5.329	ug/L	98
6) Bromomethane	1.519	94	31685	4.725	ug/L	99
8) Chloroethane	1.581	64	32782	5.415	ug/L	100
9) Trichlorofluoromethane	1.751	101	81826	5.191	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	41332	5.208	ug/L	98
12) 1,1-Dichloroethene	2.114	96	38790	5.134	ug/L	91
13) Acetone	2.185	43	45118	53.997	ug/L	90
14) Carbon disulfide	2.291	76	144716	5.075	ug/L	99
15) Methyl Acetate	2.439	43	12520	5.294	ug/L	99
16) Methylene chloride	2.503	84	53268	4.831	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	85667	5.151	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	46843	5.043	ug/L	98
19) 1,1-Dichloroethane	3.188	63	83225	5.307	ug/L	99
21) 2-Butanone	3.976	43	71437	52.880	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	47222	5.283	ug/L	# 88
23) Bromochloromethane	4.246	128	21870	5.306	ug/L	86
25) Chloroform	4.371	83	88712	5.307	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	45863	5.158	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	77796	5.032	ug/L	98
30) Cyclohexane	4.677	56	67564	4.877	ug/L	99
31) Carbon tetrachloride	4.825	117	71030	5.115	ug/L	98
33) Benzene	5.098	78	187242	5.262	ug/L	100
34) Trichloroethene	5.915	95	47820	5.054	ug/L	94
35) Methylcyclohexane	6.130	83	70767	4.738	ug/L	97
37) 1,2-Dichloropropane	6.172	63	42911	5.166	ug/L	99
38) Bromodichloromethane	6.510	83	57561	5.171	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	56180	4.702	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	217713	56.512	ug/L	99
42) Toluene	7.387	91	204828	5.382	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	48017	4.844	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31503	5.278	ug/L	96
47) Tetrachloroethene	7.976	164	41827	5.101	ug/L	98
48) 2-Hexanone	8.140	43	160885	59.598	ug/L	99
49) Dibromochloromethane	8.246	129	39268	5.193	ug/L	97
50) 1,2-Dibromoethane	8.352	107	29267	5.291	ug/L	100
51) Chlorobenzene	8.883	112	130817	5.171	ug/L	97
52) Ethylbenzene	9.011	91	204100	5.085	ug/L	99
53) m,p-xylene	9.140	106	80459	5.108	ug/L	97
54) o-xylene	9.542	106	76702	5.190	ug/L	98
55) Styrene	9.561	104	136490	5.391	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	34049	5.207	ug/L	98
59) Bromoform	9.731	173	21963	5.210	ug/L	98
60) Isopropylbenzene	9.931	105	206158	5.090	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25086	5.350	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	165955	4.942	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	168219	5.033	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	108030	5.220	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	108461	5.132	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	96040	5.186	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5151	5.157	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	77636	4.791	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	61511	4.741	ug/L	98
71) Naphthalene	13.503	128	86444	4.518	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54995	4.844	ug/L	100

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

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