

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092421\
 Data File : VV022312.D
 Acq On : 24 Sep 2021 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Sep 25 04:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	123065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	29705	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.564	69	36976	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.105	63	76255	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	3.912	46	120342	47.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	4.349	84	93880	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.034	65	43637	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.050	84	181807	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.069	67	57080	5.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.317	98	161842	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.625	79	15881	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.091	63	101712	50.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44140	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60606	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	53813	5.616	ug/L	96
3) Chloromethane	1.236	50	50757	5.301	ug/L	99
5) Vinyl chloride	1.307	62	49164	5.338	ug/L	96
6) Bromomethane	1.519	94	32279	5.467	ug/L	98
8) Chloroethane	1.580	64	30929	5.332	ug/L	94
9) Trichlorofluoromethane	1.748	101	70343	5.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	42473	5.595	ug/L	98
12) 1,1-Dichloroethene	2.114	96	39604	5.727	ug/L	83
13) Acetone	2.207	43	69531	48.394	ug/L	80
14) Carbon disulfide	2.288	76	125319	5.329	ug/L	99
15) Methyl Acetate	2.445	43	16207	5.083	ug/L	93
16) Methylene chloride	2.503	84	48503	4.031	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	96248	5.233	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	45171	5.467	ug/L	98
19) 1,1-Dichloroethane	3.188	63	79589	5.460	ug/L	97
21) 2-Butanone	3.998	43	102178	47.010	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	46199	5.626	ug/L	99
23) Bromochloromethane	4.249	128	21138	5.453	ug/L	97
25) Chloroform	4.375	83	80322	5.393	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46066	5.296	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	69460	5.500	ug/L	98
30) Cyclohexane	4.674	56	68518	5.434	ug/L	99
31) Carbon tetrachloride	4.825	117	60135	5.605	ug/L	100
33) Benzene	5.098	78	178704	5.602	ug/L	100
34) Trichloroethene	5.915	95	45659	5.633	ug/L	98
35) Methylcyclohexane	6.130	83	71312	5.509	ug/L	100
37) 1,2-Dichloropropane	6.175	63	44164	5.484	ug/L	100
38) Bromodichloromethane	6.509	83	51131	5.269	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	56989	5.351	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	262461	50.568	ug/L	99
42) Toluene	7.387	91	194487	5.755	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	48661	5.345	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	30727	5.046	ug/L	97
47) Tetrachloroethene	7.976	164	39061	5.682	ug/L	96
48) 2-Hexanone	8.143	43	191930	52.626	ug/L	100
49) Dibromochloromethane	8.249	129	34785	5.312	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29544	5.218	ug/L	94
51) Chlorobenzene	8.882	112	121786	5.486	ug/L	95
52) Ethylbenzene	9.014	91	189168	5.381	ug/L	99
53) m,p-xylene	9.140	106	76261	5.617	ug/L	93
54) o-xylene	9.545	106	71216	5.383	ug/L	98
55) Styrene	9.561	104	122727	5.591	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	36985	4.891	ug/L	98
59) Bromoform	9.731	173	18165	5.102	ug/L	98
60) Isopropylbenzene	9.934	105	193100	5.430	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26390	4.768	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	152791	5.261	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	158450	5.474	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	94842	5.419	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	94917	5.351	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	88211	5.287	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	5093	4.628	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	70125	5.282	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	53977	5.103	ug/L	98
71) Naphthalene	13.503	128	85787	4.463	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	50180	5.077	ug/L	98

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

