

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VV023350.D
 Acq On : 10 Nov 2021 22:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Nov 11 03:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37501	4.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.568	69	30029	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	72268	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.892	46	83750	58.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.040%
24) Chloroform-d	4.352	84	76847	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.037	65	35564	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.053	84	151853	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	44912	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	144481	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.625	79	16953	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	68783	50.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32275	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54011	4.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	58117	4.495	ug/L	99
3) Chloromethane	1.240	50	52932	4.815	ug/L	97
5) Vinyl chloride	1.311	62	52016	4.738	ug/L	98
6) Bromomethane	1.523	94	27428	3.908	ug/L	98
8) Chloroethane	1.584	64	30721	4.849	ug/L	97
9) Trichlorofluoromethane	1.754	101	78611	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41104	4.949	ug/L	99
12) 1,1-Dichloroethene	2.121	96	38766	4.903	ug/L	83
13) Acetone	2.182	43	58895	67.350	ug/L	89
14) Carbon disulfide	2.294	76	134175	4.496	ug/L	97
15) Methyl Acetate	2.439	43	16492	6.664	ug/L	90
16) Methylene chloride	2.507	84	48426	4.197	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	93632	5.379	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	46522	4.786	ug/L	95
19) 1,1-Dichloroethane	3.192	63	79803	4.863	ug/L	97
21) 2-Butanone	3.973	43	94552	66.878	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	48329	5.166	ug/L	# 85
23) Bromochloromethane	4.253	128	21982	5.096	ug/L	83
25) Chloroform	4.378	83	86054	4.919	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	46587	5.007	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	76862	4.850	ug/L	100
30) Cyclohexane	4.680	56	67009	4.718	ug/L	96
31) Carbon tetrachloride	4.831	117	69563	4.887	ug/L	97
33) Benzene	5.101	78	183790	5.039	ug/L	100
34) Trichloroethene	5.918	95	48103	4.959	ug/L	99
35) Methylcyclohexane	6.134	83	73131	4.777	ug/L	95
37) 1,2-Dichloropropane	6.175	63	43389	5.096	ug/L	98
38) Bromodichloromethane	6.513	83	57465	5.036	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	61240	5.000	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	237547	60.152	ug/L	98
42) Toluene	7.388	91	201092	5.155	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	50257	4.946	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	30464	4.979	ug/L	97
47) Tetrachloroethene	7.979	164	41159	4.896	ug/L	96
48) 2-Hexanone	8.140	43	171670	62.038	ug/L	98
49) Dibromochloromethane	8.246	129	38955	5.025	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30217	5.330	ug/L	99
51) Chlorobenzene	8.883	112	128218	4.945	ug/L	100
52) Ethylbenzene	9.014	91	206734	5.025	ug/L	98
53) m,p-xylene	9.140	106	83321	5.160	ug/L	98
54) o-xylene	9.545	106	79272	5.233	ug/L	99
55) Styrene	9.561	104	138022	5.319	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	36052	5.378	ug/L	97
59) Bromoform	9.731	173	22602	5.271	ug/L	99
60) Isopropylbenzene	9.931	105	210400	5.107	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25437	5.334	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	173993	5.094	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	174934	5.145	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	105736	5.023	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	106564	4.957	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	96405	5.118	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5273	5.190	ug/L	85
69) 1,3,5-Trichlorobenzene	12.648	180	79987	4.853	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	65143	4.936	ug/L	98
71) Naphthalene	13.503	128	96303	4.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	59814	5.180	ug/L	99

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

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