

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032011.D
 Acq On : 09 Sep 2023 19:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Sep 09 21:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	124259	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	123134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23140	5.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.532	69	28462	5.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.400%
11) 1,1-Dichloroethene-d2	2.059	65	13482	5.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.799	46	116362	57.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.560%
24) Chloroform-d	4.256	84	69356	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.950	65	35098	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.966	84	137008	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.995	67	47293	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.249	98	122397	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	12982	3.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.030	63	91155	47.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33677	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	44569	4.042	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27532	3.879	ug/L	100
3) Chloromethane	1.217	50	33698	4.432	ug/L	96
5) Vinyl chloride	1.281	62	34141	4.381	ug/L	100
6) Bromomethane	1.487	94	18342	3.766	ug/L	100
8) Chloroethane	1.548	64	22722	4.565	ug/L	95
9) Trichlorofluoromethane	1.715	101	44334	4.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27191	4.536	ug/L	93
12) 1,1-Dichloroethene	2.069	96	24624	4.402	ug/L	88
13) Acetone	2.127	43	58464	48.840	ug/L	75
14) Carbon disulfide	2.243	76	61394	3.902	ug/L	98
15) Methyl Acetate	2.384	43	14883	6.101	ug/L	99
16) Methylene chloride	2.449	84	34534	3.796	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	86054	4.958	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	28486	4.492	ug/L	96
19) 1,1-Dichloroethane	3.117	63	65870	5.044	ug/L	99
21) 2-Butanone	3.883	43	102130	60.234	ug/L	89
22) cis-1,2-Dichloroethene	3.821	96	35390	4.845	ug/L	98
23) Bromochloromethane	4.156	128	14806	5.109	ug/L	92
25) Chloroform	4.284	83	64566	4.850	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	38376	4.821	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	52023	4.374	ug/L	98
30) Cyclohexane	4.587	56	49469	4.047	ug/L	98
31) Carbon tetrachloride	4.741	117	41457	4.310	ug/L	99
33) Benzene	5.014	78	132572	4.674	ug/L	100
34) Trichloroethene	5.841	95	36153	4.361	ug/L	98
35) Methylcyclohexane	6.053	83	47291	3.919	ug/L	97
37) 1,2-Dichloropropane	6.098	63	39639	5.072	ug/L	99
38) Bromodichloromethane	6.439	83	46243	4.572	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	54282	4.566	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	265335	54.173	ug/L	97
42) Toluene	7.320	91	140888	4.471	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	43338	4.366	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	26360	4.713	ug/L	96
47) Tetrachloroethene	7.911	164	23244	4.389	ug/L	98
48) 2-Hexanone	8.082	43	184585	50.442	ug/L	98
49) Dibromochloromethane	8.181	129	26661	4.574	ug/L	100
50) 1,2-Dibromoethane	8.288	107	23565	4.658	ug/L	99
51) Chlorobenzene	8.818	112	91811	4.601	ug/L	98
52) Ethylbenzene	8.950	91	159877	4.413	ug/L	98
53) m,p-Xylene	9.078	106	59079	4.330	ug/L	98
54) o-Xylene	9.484	106	58196	4.414	ug/L	96
55) Styrene	9.500	104	102049	4.486	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	30168	5.327	ug/L	98
59) Bromoform	9.670	173	12832	3.989	ug/L	99
60) Isopropylbenzene	9.873	105	158179	4.180	ug/L	99
61) 1,2,3-Trichloropropane	10.213	75	24376	4.861	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	131067	4.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	130539	4.095	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	72032	4.298	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	71308	4.142	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	67781	4.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5061	4.456	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	51828	4.160	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	45500	4.006	ug/L	99
71) Naphthalene	13.445	128	83439	3.900	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	39797	4.161	ug/L	100

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

