

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034095.D
 Acq On : 09 Feb 2024 06:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Feb 09 06:27:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79598	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21352	3.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.532	69	21152	3.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.060	65	11462	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.815	46	54065	52.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.440%
24) Chloroform-d	4.252	84	51995	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	25327	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.963	84	90773	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.992	67	25950	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.246	98	84118	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.558	79	8375	3.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.027	63	42547	51.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18095	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	31859	4.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	34265	4.697	ug/L	99
3) Chloromethane	1.214	50	37350	4.694	ug/L	97
5) Vinyl chloride	1.285	62	36730	4.831	ug/L	90
6) Bromomethane	1.490	94	19728	4.927	ug/L	100
8) Chloroethane	1.552	64	22909	4.417	ug/L	96
9) Trichlorofluoromethane	1.716	101	58211	5.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28664	5.005	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28008	5.037	ug/L	94
13) Acetone	2.143	43	36802	46.854	ug/L #	35
14) Carbon disulfide	2.240	76	78345	4.355	ug/L	100
15) Methyl Acetate	2.388	43	10382	5.585	ug/L	99
16) Methylene chloride	2.449	84	32328	6.059	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	63092	5.522	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	27652	4.882	ug/L	95
19) 1,1-Dichloroethane	3.114	63	52880	5.081	ug/L	96
21) 2-Butanone	3.902	43	50056	48.225	ug/L #	56
22) cis-1,2-Dichloroethene	3.818	96	30281	4.712	ug/L	97
23) Bromochloromethane	4.153	128	12243	5.481	ug/L	91
25) Chloroform	4.278	83	54742	5.204	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	32573	5.407	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	52436	5.338	ug/L	99
30) Cyclohexane	4.584	56	43228	4.525	ug/L	96
31) Carbon tetrachloride	4.738	117	45527	5.296	ug/L	98
33) Benzene	5.011	78	105931	4.827	ug/L	100
34) Trichloroethene	5.834	95	30459	4.795	ug/L	98
35) Methylcyclohexane	6.050	83	44075	4.421	ug/L	95
37) 1,2-Dichloropropane	6.095	63	24646	4.636	ug/L #	96
38) Bromodichloromethane	6.436	83	36596	5.244	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	34830	4.306	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	135100	53.069	ug/L	98
42) Toluene	7.317	91	115357	4.918	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	27436	4.417	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	17268	5.260	ug/L	97
47) Tetrachloroethene	7.905	164	23352	4.525	ug/L	99
48) 2-Hexanone	8.079	43	92277	51.423	ug/L	100
49) Dibromochloromethane	8.178	129	20808	5.334	ug/L	100
50) 1,2-Dibromoethane	8.284	107	15682	5.322	ug/L #	98
51) Chlorobenzene	8.815	112	75413	5.085	ug/L	98
52) Ethylbenzene	8.947	91	135494	5.018	ug/L	99
53) m,p-Xylene	9.072	106	50816	4.981	ug/L	97
54) o-Xylene	9.477	106	49130	4.994	ug/L	100
55) Styrene	9.497	104	80918	5.137	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	17380	5.016	ug/L	97
59) Bromoform	9.667	173	10357	4.903	ug/L	98
60) Isopropylbenzene	9.866	105	137534	4.847	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14030	5.322	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	117711	4.907	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	114298	4.904	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	62616	5.061	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	61566	5.025	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	55167	5.192	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3117	5.641	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	46825	4.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	39326	5.261	ug/L	98
71) Naphthalene	13.442	128	55643	5.681	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	32638	5.449	ug/L	99

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

