

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038332.D
 Acq On : 25 Nov 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Nov 26 00:35:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 00:21:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	258745	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	270262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	146470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71278	3.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.529	69	64654	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.053	65	32361	3.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.806	46	180004	45.371	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.740%
24) Chloroform-d	4.240	84	171412	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.934	65	77440	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.950	84	299803	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.982	67	92601	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.233	98	276978	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.551	79	34569	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.021	63	126347	40.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.340%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	82557	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	105969	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107615	4.396	ug/L	99
3) Chloromethane	1.214	50	100906	4.787	ug/L	99
5) Vinyl chloride	1.282	62	104575	4.378	ug/L	94
6) Bromomethane	1.484	94	59339	6.371	ug/L	97
8) Chloroethane	1.545	64	65057	4.274	ug/L	99
9) Trichlorofluoromethane	1.709	101	144635	4.255	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	84464	4.354	ug/L	96
12) 1,1-Dichloroethene	2.063	96	77880	4.214	ug/L	92
13) Acetone	2.137	43	123263	42.008	ug/L	100
14) Carbon disulfide	2.233	76	240526	4.040	ug/L	100
15) Methyl Acetate	2.384	43	29820	4.185	ug/L	95
16) Methylene chloride	2.439	84	89773	4.260	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	167467	4.008	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	82950	4.261	ug/L	98
19) 1,1-Dichloroethane	3.101	63	156232	4.421	ug/L	97
21) 2-Butanone	3.886	43	161669	38.389	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	83141	4.130	ug/L	95
23) Bromochloromethane	4.140	128	41216	4.193	ug/L	98
25) Chloroform	4.265	83	167408	4.428	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	94243	4.581	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	141756	4.373	ug/L	97
30) Cyclohexane	4.571	56	112786	4.195	ug/L	97
31) Carbon tetrachloride	4.722	117	126405	4.421	ug/L	98
33) Benzene	5.002	78	341742	4.502	ug/L	100
34) Trichloroethene	5.825	95	89169	4.309	ug/L	99
35) Methylcyclohexane	6.040	83	118472	4.047	ug/L	97
37) 1,2-Dichloropropane	6.085	63	85171	4.479	ug/L	98
38) Bromodichloromethane	6.426	83	111492	4.362	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	112159	4.225	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	432704	43.477	ug/L	96
42) Toluene	7.307	91	369404	4.595	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	99502	4.437	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	65475	4.246	ug/L	97
47) Tetrachloroethene	7.895	164	71878	4.322	ug/L	97
48) 2-Hexanone	8.069	43	308081	42.688	ug/L	98
49) Dibromochloromethane	8.165	129	71673	4.263	ug/L	98
50) 1,2-Dibromoethane	8.278	107	60809	4.253	ug/L	98
51) Chlorobenzene	8.805	112	240330	4.339	ug/L	98
52) Ethylbenzene	8.937	91	368346	4.319	ug/L	98
53) m,p-Xylene	9.066	106	145276	4.514	ug/L	99
54) o-Xylene	9.471	106	135992	4.340	ug/L	93
55) Styrene	9.490	104	247793	4.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	78036	4.328	ug/L	96
59) Bromoform	9.661	173	34427	4.039	ug/L	97
60) Isopropylbenzene	9.857	105	366567	4.345	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	53260	4.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	273621	4.087	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	278534	4.172	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	191534	4.228	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	202655	4.425	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	180579	4.307	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	11487	4.081	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	131149	4.087	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	99522	3.752	ug/L	98
71) Naphthalene	13.432	128	127145	3.081	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	89410	3.648	ug/L	99

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

