

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037247.D
 Acq On : 10 Sep 2024 14:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005396

Quant Time: Sep 11 05:06:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	328025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	326437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	164038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	89577	4.655	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.529	69	93691	4.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	47504	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.825	46	287371	49.966	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.940%
24) Chloroform-d	4.240	84	226978	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.937	65	105091	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.950	84	427389	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.982	67	133922	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.236	98	386277	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.551	79	41060	4.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.024	63	221257	50.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	106414	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	138348	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	155009	5.087	ug/L	99
3) Chloromethane	1.214	50	158210	4.866	ug/L	99
5) Vinyl chloride	1.278	62	158886	4.972	ug/L	98
6) Bromomethane	1.484	94	94369	4.923	ug/L	97
8) Chloroethane	1.545	64	94622	4.924	ug/L	100
9) Trichlorofluoromethane	1.709	101	198891	5.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	121497	5.047	ug/L	99
12) 1,1-Dichloroethene	2.063	96	113041	4.918	ug/L	96
13) Acetone	2.159	43	178631	44.607	ug/L	98
14) Carbon disulfide	2.233	76	347356	4.792	ug/L	100
15) Methyl Acetate	2.391	43	46292	5.047	ug/L	100
16) Methylene chloride	2.439	84	125359	4.744	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	274066	5.016	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	121120	5.008	ug/L	97
19) 1,1-Dichloroethane	3.105	63	228292	4.943	ug/L	99
21) 2-Butanone	3.902	43	282406	46.400	ug/L #	67
22) cis-1,2-Dichloroethene	3.805	96	130003	4.972	ug/L	100
23) Bromochloromethane	4.140	128	56343	4.976	ug/L	98
25) Chloroform	4.268	83	228844	4.919	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	133459	5.070	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	193552	5.000	ug/L	97
30) Cyclohexane	4.571	56	191668	5.104	ug/L	98
31) Carbon tetrachloride	4.722	117	165870	5.035	ug/L	100
33) Benzene	5.002	78	495781	5.041	ug/L	100
34) Trichloroethene	5.828	95	132816	5.011	ug/L	98
35) Methylcyclohexane	6.040	83	206191	5.117	ug/L	99
37) 1,2-Dichloropropane	6.085	63	122757	4.906	ug/L	100
38) Bromodichloromethane	6.426	83	154219	4.923	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	179209	4.944	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	736529	51.410	ug/L	98
42) Toluene	7.310	91	528995	5.170	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	144228	4.931	ug/L	95
45) 1,1,2-Trichloroethane	7.764	97	89559	5.000	ug/L	98
47) Tetrachloroethene	7.899	164	95962	5.059	ug/L	98
48) 2-Hexanone	8.072	43	516509	49.326	ug/L	99
49) Dibromochloromethane	8.172	129	94677	5.046	ug/L	100
50) 1,2-Dibromoethane	8.278	107	84551	4.996	ug/L	99
51) Chlorobenzene	8.808	112	335833	4.929	ug/L	100
52) Ethylbenzene	8.940	91	576030	5.045	ug/L	100
53) m,p-Xylene	9.066	106	215273	5.124	ug/L	100
54) o-Xylene	9.474	106	212372	5.106	ug/L	95
55) Styrene	9.490	104	363166	5.150	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	108409	5.010	ug/L	97
59) Bromoform	9.661	173	45651	4.757	ug/L	100
60) Isopropylbenzene	9.860	105	564662	5.143	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	77537	5.194	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	454196	5.217	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	457870	5.235	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	263612	5.079	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	258888	4.864	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	239119	4.969	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	14602	4.717	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	182968	4.943	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	151019	4.956	ug/L	100
71) Naphthalene	13.439	128	220852	4.743	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	126585	5.021	ug/L	97

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

