

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102224\
 Data File : VV037907.D
 Acq On : 22 Oct 2024 08:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: Oct 23 01:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 02:37:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	302020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	316775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	175716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72491	3.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.529	69	69212	3.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.050	65	35805	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.822	46	211453	46.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.820%
24) Chloroform-d	4.240	84	187213	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.937	65	87554	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	4.950	84	336538	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	104020	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.236	98	310680	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.551	79	40849	4.408	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.024	63	184547	47.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92929	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	121052	4.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	138002	4.586	ug/L	99
3) Chloromethane	1.214	50	134543	4.646	ug/L	99
5) Vinyl chloride	1.278	62	137845	4.647	ug/L	97
6) Bromomethane	1.484	94	82407	4.370	ug/L	96
8) Chloroethane	1.545	64	84715	4.717	ug/L	100
9) Trichlorofluoromethane	1.709	101	194854	4.892	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	114954	4.972	ug/L	98
12) 1,1-Dichloroethene	2.063	96	106751	4.869	ug/L	93
13) Acetone	2.153	43	171819	49.849	ug/L	97
14) Carbon disulfide	2.233	76	339727	4.532	ug/L	99
15) Methyl Acetate	2.391	43	36995	4.183	ug/L	94
16) Methylene chloride	2.439	84	121515	4.316	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	240771	4.734	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	114477	4.686	ug/L	96
19) 1,1-Dichloroethane	3.101	63	215068	4.996	ug/L	99
21) 2-Butanone	3.902	43	225655	43.317	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	113837	4.545	ug/L	98
23) Bromochloromethane	4.140	128	56599	4.870	ug/L	97
25) Chloroform	4.265	83	224561	4.953	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123682	4.975	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	189046	4.851	ug/L	100
30) Cyclohexane	4.571	56	149085	4.413	ug/L	100
31) Carbon tetrachloride	4.722	117	166650	4.923	ug/L	99
33) Benzene	4.998	78	458532	4.853	ug/L	100
34) Trichloroethene	5.825	95	121022	4.759	ug/L	99
35) Methylcyclohexane	6.040	83	171331	4.551	ug/L	99
37) 1,2-Dichloropropane	6.085	63	115161	4.843	ug/L	100
38) Bromodichloromethane	6.426	83	150062	4.878	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	157082	4.563	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	608783	48.591	ug/L	99
42) Toluene	7.307	91	501524	5.082	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	134529	4.780	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	89181	5.045	ug/L	99
47) Tetrachloroethene	7.899	164	95191	4.794	ug/L	97
48) 2-Hexanone	8.072	43	439804	48.801	ug/L	98
49) Dibromochloromethane	8.169	129	99564	5.079	ug/L	96
50) 1,2-Dibromoethane	8.275	107	83818	4.956	ug/L	94
51) Chlorobenzene	8.805	112	322395	4.819	ug/L	98
52) Ethylbenzene	8.937	91	514395	4.766	ug/L	99
53) m,p-Xylene	9.066	106	201450	5.015	ug/L	98
54) o-Xylene	9.471	106	185329	4.722	ug/L	100
55) Styrene	9.490	104	346072	5.139	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	103144	4.975	ug/L	97
59) Bromoform	9.661	173	55742	5.012	ug/L	97
60) Isopropylbenzene	9.860	105	512386	4.576	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	70269	4.561	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	394045	4.452	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	397737	4.523	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	266908	4.679	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	272448	4.658	ug/L	97
67) 1,2-Dichlorobenzene	11.571	146	243595	4.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14373	4.462	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	183361	4.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	138691	4.140	ug/L	98
71) Naphthalene	13.435	128	164395	3.158	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	118632	4.002	ug/L	98

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

