

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037394.D
 Acq On : 19 Sep 2024 20:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005284

Quant Time: Sep 20 02:01:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	321455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	317508	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	167552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94639	5.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.529	69	81461	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.053	65	41978	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.805	46	262663	46.604	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.200%
24) Chloroform-d	4.243	84	211775	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.940	65	100526	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.957	84	397975	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.985	67	122860	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.239	98	372020	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.555	79	40090	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.024	63	238383	56.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109565	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	137359	4.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	142493	4.772	ug/L	100
3) Chloromethane	1.214	50	144548	4.537	ug/L	98
5) Vinyl chloride	1.278	62	153217	4.893	ug/L	90
6) Bromomethane	1.484	94	87258	4.645	ug/L	100
8) Chloroethane	1.545	64	98220	5.216	ug/L	93
9) Trichlorofluoromethane	1.709	101	204185	5.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118396	5.019	ug/L	99
12) 1,1-Dichloroethene	2.063	96	112187	4.980	ug/L	92
13) Acetone	2.140	43	192004	48.927	ug/L	97
14) Carbon disulfide	2.236	76	346522	4.879	ug/L	99
15) Methyl Acetate	2.384	43	46374	5.159	ug/L	98
16) Methylene chloride	2.442	84	138841	5.361	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	281515	5.257	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	123461	5.209	ug/L	98
19) 1,1-Dichloroethane	3.105	63	233561	5.161	ug/L	100
21) 2-Butanone	3.889	43	304108	50.987	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	135163	5.275	ug/L	94
23) Bromochloromethane	4.146	128	61133	5.509	ug/L	98
25) Chloroform	4.268	83	239655	5.256	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	140940	5.463	ug/L	99
29) 1,1,1-Trichloroethane	4.506	97	202005	5.365	ug/L	99
30) Cyclohexane	4.574	56	176257	4.826	ug/L	99
31) Carbon tetrachloride	4.728	117	167323	5.221	ug/L	100
33) Benzene	5.005	78	511983	5.352	ug/L	100
34) Trichloroethene	5.831	95	134911	5.233	ug/L	98
35) Methylcyclohexane	6.043	83	189495	4.835	ug/L	99
37) 1,2-Dichloropropane	6.088	63	133082	5.468	ug/L	98
38) Bromodichloromethane	6.429	83	158531	5.203	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	163940	4.650	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	773110	55.481	ug/L	98
42) Toluene	7.310	91	550970	5.537	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	128389	4.513	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	98583	5.659	ug/L	99
47) Tetrachloroethene	7.902	164	101276	5.489	ug/L	98
48) 2-Hexanone	8.072	43	561394	55.120	ug/L	99
49) Dibromochloromethane	8.172	129	91753	5.027	ug/L	100
50) 1,2-Dibromoethane	8.278	107	92701	5.632	ug/L	95
51) Chlorobenzene	8.809	112	357101	5.389	ug/L	99
52) Ethylbenzene	8.940	91	592091	5.331	ug/L	99
53) m,p-Xylene	9.069	106	223218	5.462	ug/L	100
54) o-Xylene	9.474	106	215982	5.339	ug/L	98
55) Styrene	9.490	104	385370	5.619	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	123140	5.851	ug/L	97
59) Bromoform	9.664	173	40601	4.142	ug/L	99
60) Isopropylbenzene	9.863	105	581034	5.181	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	81425	5.340	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	464102	5.219	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	474263	5.309	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	285781	5.390	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	293845	5.405	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	268151	5.456	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	15632	4.944	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.577	180	200075	5.292	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	171225	5.502	ug/L	98
71) Naphthalene	13.435	128	262547	5.520	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	147714	5.736	ug/L	97

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

