

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028316.D
 Acq On : 04 Oct 2022 08:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Oct 04 23:22:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	287851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	152907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	100051	4.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.561	69	86731	4.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.101	63	197378	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.892	46	193615	52.908	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	4.339	84	202405	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.024	65	88118	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.040	84	411029	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.059	67	118083	5.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.307	98	391752	5.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	7.619	79	40499	4.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.085	63	171296	49.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79995	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	131132	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	121853	5.263	ug/L	93
3) Chloromethane	1.236	50	108672	4.953	ug/L	99
5) Vinyl chloride	1.307	62	129706	5.250	ug/L	97
6) Bromomethane	1.516	94	56954	4.854	ug/L	96
8) Chloroethane	1.580	64	91927	5.582	ug/L	91
9) Trichlorofluoromethane	1.748	101	184557	4.971	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	108141	5.208	ug/L	98
12) 1,1-Dichloroethene	2.111	96	105276	5.099	ug/L	77
13) Acetone	2.188	43	127588	53.095	ug/L	95
14) Carbon disulfide	2.288	76	334994	5.208	ug/L	99
15) Methyl Acetate	2.436	43	29973	4.583	ug/L #	88
16) Methylene chloride	2.500	84	115558	4.972	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	203977	4.811	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	112742	5.242	ug/L	97
19) 1,1-Dichloroethane	3.178	63	201563	5.503	ug/L	97
21) 2-Butanone	3.976	43	189987	52.080	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	124241	5.737	ug/L	92
23) Bromochloromethane	4.236	128	50665	5.282	ug/L	85
25) Chloroform	4.362	83	215437	5.363	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	107641	5.002	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	179546	5.205	ug/L	99
30) Cyclohexane	4.667	56	164596	5.539	ug/L	90
31) Carbon tetrachloride	4.818	117	160373	5.183	ug/L	99
33) Benzene	5.088	78	464405	5.579	ug/L	100
34) Trichloroethene	5.905	95	115471	5.540	ug/L	96
35) Methylcyclohexane	6.124	83	187122	5.499	ug/L	93
37) 1,2-Dichloropropane	6.165	63	109431	5.676	ug/L	98
38) Bromodichloromethane	6.503	83	137188	5.160	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	144360	5.246	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	456216	51.505	ug/L	93
42) Toluene	7.381	91	500484	5.714	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	118199	5.056	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	72724	5.086	ug/L	97
47) Tetrachloroethene	7.969	164	100769	5.532	ug/L	96
48) 2-Hexanone	8.133	43	336566	54.252	ug/L	95
49) Dibromochloromethane	8.239	129	89764	4.960	ug/L	98
50) 1,2-Dibromoethane	8.349	107	66818	5.193	ug/L	96
51) Chlorobenzene	8.876	112	309781	5.318	ug/L	98
52) Ethylbenzene	9.008	91	512067	5.563	ug/L	99
53) m,p-Xylene	9.133	106	208274	5.676	ug/L	96
54) o-Xylene	9.538	106	196086	5.650	ug/L	94
55) Styrene	9.554	104	343855	5.765	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	84057	5.181	ug/L	99
59) Bromoform	9.725	173	47424	4.709	ug/L	98
60) Isopropylbenzene	9.927	105	515316	5.508	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	57692	4.890	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	137396	5.168	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	411437	5.460	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	255188	5.552	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	254550	5.531	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	224296	5.380	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	11127	4.140	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	193462	5.322	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	146478	5.287	ug/L	100
71) Naphthalene	13.496	128	193094	4.462	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	129445	5.183	ug/L	98

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

