

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103023\
 Data File : VV032783.D
 Acq On : 30 Oct 2023 19:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Quant Time: Oct 31 02:29:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 02:23:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	135364	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	158133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45866	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	44776	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.059	65	20904	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.809	46	112172	46.725	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.440%
24) Chloroform-d	4.252	84	97160	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	4.947	65	46822	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.963	84	175904	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.992	67	50621	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.246	98	184640	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.558	79	22204	4.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.030	63	98731	51.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	48911	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	68007	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	70179	5.051	ug/L	98
3) Chloromethane	1.217	50	77559	4.732	ug/L	99
5) Vinyl chloride	1.281	62	80066	4.922	ug/L	98
6) Bromomethane	1.490	94	44895	4.729	ug/L	96
8) Chloroethane	1.551	64	53380	5.018	ug/L	96
9) Trichlorofluoromethane	1.712	101	119476	5.456	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	64921	5.027	ug/L	99
12) 1,1-Dichloroethene	2.069	96	59116	4.886	ug/L	95
13) Acetone	2.133	43	104907	44.265	ug/L	90
14) Carbon disulfide	2.240	76	188630	4.921	ug/L	99
15) Methyl Acetate	2.387	43	19846	4.182	ug/L	98
16) Methylene chloride	2.449	84	90008	6.045	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	124983	4.785	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	61383	5.131	ug/L	98
19) 1,1-Dichloroethane	3.114	63	105925	4.994	ug/L	96
21) 2-Butanone	3.889	43	141565	45.181	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	62264	5.133	ug/L	95
23) Bromochloromethane	4.149	128	31581	5.597	ug/L	96
25) Chloroform	4.278	83	123429	5.353	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	73393	5.121	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	102704	5.035	ug/L	99
30) Cyclohexane	4.587	56	76954	4.476	ug/L	99
31) Carbon tetrachloride	4.738	117	91546	5.159	ug/L	97
33) Benzene	5.011	78	253062	5.077	ug/L	100
34) Trichloroethene	5.834	95	64223	4.823	ug/L	98
35) Methylcyclohexane	6.050	83	90080	4.527	ug/L	98
37) 1,2-Dichloropropane	6.095	63	62353	5.184	ug/L	100
38) Bromodichloromethane	6.436	83	84005	4.727	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	90680	4.952	ug/L	94
40) 4-Methyl-2-pentanone	7.162	43	389700	50.215	ug/L	99
42) Toluene	7.317	91	302468	5.223	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	77457	4.915	ug/L	95
45) 1,1,2-Trichloroethane	7.773	97	51971	5.116	ug/L	98
47) Tetrachloroethene	7.905	164	243229	20.669	ug/L	96
48) 2-Hexanone	8.079	43	285717	50.336	ug/L	99
49) Dibromochloromethane	8.178	129	61570	5.110	ug/L	95
50) 1,2-Dibromoethane	8.288	107	49010	5.170	ug/L	97
51) Chlorobenzene	8.818	112	190611	4.982	ug/L	99
52) Ethylbenzene	8.950	91	304076	4.995	ug/L	97
53) m,p-Xylene	9.075	106	117305	5.089	ug/L	93
54) o-Xylene	9.480	106	114420	5.117	ug/L	99
55) Styrene	9.500	104	198448	5.357	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	58767	4.960	ug/L	95
59) Bromoform	9.670	173	33144	4.780	ug/L	100
60) Isopropylbenzene	9.869	105	283046	4.719	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	43856	4.692	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	225294	4.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	224429	4.632	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	158442	4.923	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	152836	4.784	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	141773	4.790	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	8891	3.980	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	103972	4.526	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	82580	4.236	ug/L	99
71) Naphthalene	13.442	128	118780	3.845	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	78996	4.609	ug/L	98

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

