

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
 Data File : VV032621.D
 Acq On : 25 Oct 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

Quant Time: Oct 26 04:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40131	5.669	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 113.400%		
7) Chloroethane-d5	1.532	69	35258	6.136	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.800%		
11) 1,1-Dichloroethene-d2	2.060	65	16735	5.606	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.200%		
20) 2-Butanone-d5	3.828	46	77283	43.157	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 86.320%		
24) Chloroform-d	4.252	84	72110	5.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.400%		
26) 1,2-Dichloroethane-d4	4.947	65	33376	5.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
32) Benzene-d6	4.960	84	135200	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.800%		
36) 1,2-Dichloropropane-d6	5.992	67	40039	4.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 82.200%		
41) Toluene-d8	7.246	98	141600	5.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
43) trans-1,3-Dichloroprop...	7.558	79	16505	4.777	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.600%		
46) 2-Hexanone-d5	8.030	63	70087	43.114	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.220%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33329	4.887	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.800%		
66) 1,2-Dichlorobenzene-d4	11.564	152	48347	5.073	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48051	4.954	ug/L	100
3) Chloromethane	1.217	50	46737	4.780	ug/L	99
5) Vinyl chloride	1.281	62	47042	5.044	ug/L	100
6) Bromomethane	1.490	94	28828	5.117	ug/L	97
8) Chloroethane	1.552	64	31017	5.524	ug/L	99
9) Trichlorofluoromethane	1.716	101	63511	5.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40078	5.914	ug/L	97
12) 1,1-Dichloroethene	2.069	96	35813	5.610	ug/L	96
13) Acetone	2.153	43	74682	54.109	ug/L	87
14) Carbon disulfide	2.240	76	87167	3.906	ug/L	99
15) Methyl Acetate	2.394	43	13052	4.201	ug/L	97
16) Methylene chloride	2.449	84	40082	4.816	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	79895	4.597	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	34983	4.784	ug/L	94
19) 1,1-Dichloroethane	3.114	63	66834	4.859	ug/L	99
21) 2-Butanone	3.905	43	91436	42.364	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	38330	4.869	ug/L	96
23) Bromochloromethane	4.149	128	16215	4.896	ug/L	94
25) Chloroform	4.278	83	75053	5.561	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	42894	5.380	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	62020	4.561	ug/L	99
30) Cyclohexane	4.584	56	48062	3.216	ug/L	92
31) Carbon tetrachloride	4.735	117	53441	4.645	ug/L	99
33) Benzene	5.011	78	152087	4.319	ug/L	100
34) Trichloroethene	5.834	95	39041	4.062	ug/L	97
35) Methylcyclohexane	6.050	83	63361	4.259	ug/L	91
37) 1,2-Dichloropropane	6.095	63	38116	4.048	ug/L #	97
38) Bromodichloromethane	6.436	83	57644	5.152	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	58793	4.387	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	230958	38.756	ug/L	99
42) Toluene	7.317	91	183720	4.894	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	50130	4.552	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	30998	4.666	ug/L	96
47) Tetrachloroethene	7.908	164	33904	4.651	ug/L	97
48) 2-Hexanone	8.082	43	172821	41.103	ug/L	99
49) Dibromochloromethane	8.178	129	34552	4.996	ug/L	98
50) 1,2-Dibromoethane	8.284	107	28380	4.517	ug/L	94
51) Chlorobenzene	8.815	112	116171	4.807	ug/L	99
52) Ethylbenzene	8.947	91	192565	4.607	ug/L	99
53) m,p-Xylene	9.075	106	74029	4.775	ug/L	98
54) o-Xylene	9.480	106	70301	4.706	ug/L	97
55) Styrene	9.497	104	124170	4.922	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.181	83	35940	4.917	ug/L	97
59) Bromoform	9.667	173	18744	5.019	ug/L	98
60) Isopropylbenzene	9.870	105	193102	4.838	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	25268	4.622	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	149045	4.581	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	150413	4.644	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	95340	5.000	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	95186	4.976	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	86677	4.984	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5160	4.620	ug/L	90
69) 1,3,5-Trichlorobenzene	12.586	180	66951	4.794	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	53130	4.289	ug/L	99
71) Naphthalene	13.442	128	75904	3.607	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	46718	4.377	ug/L	99

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

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