

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028746.D
 Acq On : 28 Oct 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: Oct 28 21:47:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185999	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	174467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	84696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	76357	5.903	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 118.000%		
7) Chloroethane-d5	1.561	69	60730	5.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.000%		
11) 1,1-Dichloroethene-d2	2.098	63	146636	5.860	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 117.200%		
20) 2-Butanone-d5	3.899	46	138140	46.832	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 93.660%		
24) Chloroform-d	4.336	84	110879	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.800%		
26) 1,2-Dichloroethane-d4	5.024	65	55954	4.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.200%		
32) Benzene-d6	5.040	84	229500	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.400%		
36) 1,2-Dichloropropane-d6	6.060	67	73474	4.975	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.400%		
41) Toluene-d8	7.307	98	202306	5.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.200%		
43) trans-1,3-Dichloroprop...	7.616	79	20947	4.565	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.200%		
46) 2-Hexanone-d5	8.085	63	103696	48.548	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.100%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	46941	4.792	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.800%		
66) 1,2-Dichlorobenzene-d4	11.616	152	58797	5.033	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	38073	4.854	ug/L	99
3) Chloromethane	1.237	50	65176	4.451	ug/L	98
5) Vinyl chloride	1.304	62	68445	4.704	ug/L	97
6) Bromomethane	1.516	94	28423	4.089	ug/L	92
8) Chloroethane	1.577	64	49589	5.012	ug/L	98
9) Trichlorofluoromethane	1.745	101	100053	5.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60049	5.212	ug/L	99
12) 1,1-Dichloroethene	2.108	96	52239	5.110	ug/L	99
13) Acetone	2.185	43	115427	65.929	ug/L	97
14) Carbon disulfide	2.285	76	87898	3.724	ug/L	99
15) Methyl Acetate	2.436	43	25323	4.767	ug/L	95
16) Methylene chloride	2.497	84	66483	4.716	ug/L	95
17) Methyl tert-butyl Ether	2.757	73	139850	5.215	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	50355	4.894	ug/L	95
19) 1,1-Dichloroethane	3.175	63	125264	5.044	ug/L	99
21) 2-Butanone	3.982	43	171484	56.990	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	62867	5.097	ug/L #	100
23) Bromochloromethane	4.237	128	22922	4.971	ug/L	93
25) Chloroform	4.362	83	121482	5.029	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	68293	4.785	ug/L	98
29) 1,1,1-Trichloroethane	4.597	97	90671	4.321	ug/L	98
30) Cyclohexane	4.664	56	91084	4.189	ug/L	99
31) Carbon tetrachloride	4.815	117	68523	4.065	ug/L	100
33) Benzene	5.089	78	247898	4.754	ug/L	100
34) Trichloroethene	5.905	95	56554	4.378	ug/L	90
35) Methylcyclohexane	6.121	83	86117	4.826	ug/L	97
37) 1,2-Dichloropropane	6.166	63	72279	5.425	ug/L	98
38) Bromodichloromethane	6.500	83	76971	4.832	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	82499	5.108	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	448075	56.804	ug/L	98
42) Toluene	7.378	91	252441	5.106	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	60953	4.683	ug/L	95
45) 1,1,2-Trichloroethane	7.831	97	42819	5.229	ug/L	96
47) Tetrachloroethene	7.966	164	38634	4.873	ug/L	97
48) 2-Hexanone	8.137	43	307187	55.038	ug/L	97
49) Dibromochloromethane	8.240	129	41308	4.816	ug/L	95
50) 1,2-Dibromoethane	8.346	107	35091	4.923	ug/L #	99
51) Chlorobenzene	8.873	112	160540	5.157	ug/L	99
52) Ethylbenzene	9.005	91	278652	5.071	ug/L	99
53) m,p-Xylene	9.130	106	100276	5.054	ug/L	98
54) o-Xylene	9.535	106	100745	5.048	ug/L	95
55) Styrene	9.555	104	170193	5.057	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	53868	5.245	ug/L	96
59) Bromoform	9.725	173	18002	4.329	ug/L	98
60) Isopropylbenzene	9.924	105	278291	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	37524	5.160	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	79890	5.138	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	221310	5.140	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	116261	5.064	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	114589	5.003	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	107682	5.130	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6369	4.254	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	87257	5.005	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	68823	5.185	ug/L	99
71) Naphthalene	13.493	128	103342	4.544	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	58759	4.995	ug/L	97

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

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