

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092322\
 Data File : VW028090.D
 Acq On : 23 Sep 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Sep 24 01:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	187706	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	189320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	92026	4.729	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.561	69	77400	5.003	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.101	63	155840	4.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	3.889	46	169082	51.466	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.940%	
24) Chloroform-d	4.336	84	154651	4.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.021	65	72594	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.040	84	287942	4.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.059	67	86757	4.483	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.307	98	266583	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	7.619	79	32716	4.680	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.085	63	139505	47.815	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.620%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	64168	4.851	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	11.619	152	96788	4.712	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	74821	5.337	ug/L	93
3) Chloromethane	1.237	50	70001	3.770	ug/L	93
5) Vinyl chloride	1.304	62	76689	5.269	ug/L	99
6) Bromomethane	1.516	94	49009	5.170	ug/L	99
8) Chloroethane	1.577	64	50415	5.165	ug/L	100
9) Trichlorofluoromethane	1.745	101	122899	5.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	70059	5.260	ug/L	99
12) 1,1-Dichloroethene	2.111	96	61830	4.766	ug/L	84
13) Acetone	2.182	43	108986	43.068	ug/L	97
14) Carbon disulfide	2.285	76	123876	4.976	ug/L	100
15) Methyl Acetate	2.436	43	23532	4.790	ug/L	91
16) Methylene chloride	2.497	84	71476	4.936	ug/L	92
17) Methyl tert-butyl Ether	2.761	73	136242	4.882	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	58996	5.195	ug/L	98
19) 1,1-Dichloroethane	3.179	63	126292	5.098	ug/L	99
21) 2-Butanone	3.976	43	142005	45.326	ug/L	98
22) cis-1,2-Dichloroethene	3.899	96	68026	4.565	ug/L	96
23) Bromochloromethane	4.240	128	30815	5.165	ug/L	86
25) Chloroform	4.362	83	133760	5.032	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	70741	4.991	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	114455	4.920	ug/L	99
30) Cyclohexane	4.667	56	76378	4.540	ug/L	91
31) Carbon tetrachloride	4.815	117	97706	5.104	ug/L	98
33) Benzene	5.088	78	262984	5.002	ug/L	100
34) Trichloroethene	5.905	95	63718	4.869	ug/L	96
35) Methylcyclohexane	6.121	83	86610	4.826	ug/L	97
37) 1,2-Dichloropropane	6.162	63	69381	4.708	ug/L	98
38) Bromodichloromethane	6.500	83	90087	4.951	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	88305	4.824	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	353395	49.378	ug/L	99
42) Toluene	7.381	91	284367	5.186	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	77422	4.917	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	49202	4.980	ug/L	99
47) Tetrachloroethene	7.969	164	54217	5.190	ug/L	95
48) 2-Hexanone	8.133	43	264380	48.660	ug/L	98
49) Dibromochloromethane	8.239	129	60416	5.086	ug/L	98
50) 1,2-Dibromoethane	8.349	107	41915	4.882	ug/L	99
51) Chlorobenzene	8.876	112	184212	5.008	ug/L	99
52) Ethylbenzene	9.008	91	284039	4.896	ug/L	96
53) m,p-Xylene	9.133	106	112560	5.063	ug/L	100
54) o-Xylene	9.538	106	109443	4.985	ug/L	99
55) Styrene	9.555	104	198743	5.224	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	57821	5.023	ug/L	99
59) Bromoform	9.725	173	32296	4.858	ug/L	97
60) Isopropylbenzene	9.928	105	298155	4.851	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	40284	4.587	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	79284	4.579	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	229164	4.735	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	152422	4.983	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	153731	5.024	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	142507	4.932	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8906	4.626	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	119807	4.949	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	93883	4.849	ug/L	100
71) Naphthalene	13.500	128	132858	4.190	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	85215	4.866	ug/L	96

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

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