

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025557.D
 Acq On : 14 Apr 2022 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

Quant Time: Apr 15 07:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	57013	4.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.571	69	52311	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.114	63	121600	5.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.902	46	82958	58.225	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.440%
24) Chloroform-d	4.352	84	88953	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	40839	5.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.053	84	171330	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	48707	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	160514	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.625	79	15375	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	62777	51.969	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32437	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52045	4.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	50567	4.443	ug/L	99
3) Chloromethane	1.246	50	77133	6.237	ug/L	97
5) Vinyl chloride	1.317	62	82435	5.899	ug/L	99
6) Bromomethane	1.526	94	48258	4.789	ug/L	97
8) Chloroethane	1.590	64	55610	5.155	ug/L	97
9) Trichlorofluoromethane	1.757	101	111059	5.658	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	51792	4.697	ug/L	97
12) 1,1-Dichloroethene	2.124	96	59640	5.458	ug/L	87
13) Acetone	2.195	43	60654	62.720	ug/L	98
14) Carbon disulfide	2.301	76	132088	5.050	ug/L	99
15) Methyl Acetate	2.446	43	14479	6.737	ug/L	93
16) Methylene chloride	2.513	84	49656	4.687	ug/L	93
17) Methyl tert-butyl Ether	2.773	73	94727	5.602	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	47623	5.201	ug/L	97
19) 1,1-Dichloroethane	3.195	63	91556	5.903	ug/L	98
21) 2-Butanone	3.986	43	89894	67.272	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	50952	5.286	ug/L	92
23) Bromochloromethane	4.259	128	21996	5.496	ug/L	96
25) Chloroform	4.381	83	96527	5.896	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	51981	6.018	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	83515	5.580	ug/L	98
30) Cyclohexane	4.683	56	61658	4.531	ug/L	97
31) Carbon tetrachloride	4.831	117	68456	5.408	ug/L	99
33) Benzene	5.101	78	203637	5.432	ug/L	100
34) Trichloroethene	5.915	95	53947	5.420	ug/L	96
35) Methylcyclohexane	6.133	83	60516	3.810	ug/L	96
37) 1,2-Dichloropropane	6.175	63	50247	5.794	ug/L	99
38) Bromodichloromethane	6.513	83	61671	5.728	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	58961	5.188	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	236250	68.037	ug/L	95
42) Toluene	7.387	91	218074	5.348	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48117	5.450	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32927	5.670	ug/L	97
47) Tetrachloroethene	7.976	164	36651	4.703	ug/L	97
48) 2-Hexanone	8.140	43	169688	70.122	ug/L	95
49) Dibromochloromethane	8.246	129	36144	5.669	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30176	5.532	ug/L	98
51) Chlorobenzene	8.883	112	137978	5.299	ug/L	99
52) Ethylbenzene	9.011	91	220492	5.070	ug/L	99
53) m,p-Xylene	9.140	106	84186	5.091	ug/L	98
54) o-Xylene	9.545	106	86096	5.361	ug/L	97
55) Styrene	9.561	104	143661	5.501	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	35571	6.130	ug/L	98
59) Bromoform	9.731	173	15849	5.572	ug/L	94
60) Isopropylbenzene	9.931	105	219102	5.137	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	28034	6.178	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	90387	4.753	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	165033	4.816	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	101438	5.095	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	100712	4.984	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	91780	5.206	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4687	5.974	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	65812	4.345	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	52639	4.508	ug/L	99
71) Naphthalene	13.500	128	87400	5.102	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48071	4.972	ug/L	96

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

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