

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042622\
 Data File : VW025732.D
 Acq On : 26 Apr 2022 15:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

Quant Time: Apr 27 05:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 27 05:32:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	147367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59234	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.571	69	57015	3.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.111	63	120499	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.895	46	95091	57.058	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.120%
24) Chloroform-d	4.346	84	108076	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.030	65	47873	5.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.046	84	208717	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	60073	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.313	98	189265	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.622	79	19325	4.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.085	63	66816	47.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.220%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	35698	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	61178	4.535	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	44974	3.378	ug/L	97
3) Chloromethane	1.243	50	67366	4.657	ug/L	99
5) Vinyl chloride	1.314	62	69072	4.226	ug/L	98
6) Bromomethane	1.526	94	43496	3.690	ug/L	98
8) Chloroethane	1.587	64	49489	3.922	ug/L	98
9) Trichlorofluoromethane	1.757	101	94741	4.126	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	51339	3.980	ug/L	99
12) 1,1-Dichloroethene	2.121	96	52519	4.109	ug/L	94
13) Acetone	2.191	43	67068	59.291	ug/L	96
14) Carbon disulfide	2.297	76	106403	3.478	ug/L	100
15) Methyl Acetate	2.439	43	15462	6.150	ug/L	91
16) Methylene chloride	2.506	84	57217	4.617	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	99253	5.018	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	46743	4.364	ug/L	94
19) 1,1-Dichloroethane	3.188	63	95860	5.284	ug/L	97
21) 2-Butanone	3.976	43	93300	59.691	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	52236	4.633	ug/L	94
23) Bromochloromethane	4.246	128	22686	4.846	ug/L	92
25) Chloroform	4.371	83	103374	5.398	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	54998	5.444	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	82249	4.681	ug/L	98
30) Cyclohexane	4.673	56	53889	3.373	ug/L	97
31) Carbon tetrachloride	4.825	117	64803	4.360	ug/L	97
33) Benzene	5.098	78	204203	4.640	ug/L	100
34) Trichloroethene	5.911	95	50678	4.337	ug/L	99
35) Methylcyclohexane	6.127	83	62314	3.342	ug/L	95
37) 1,2-Dichloropropane	6.169	63	51770	5.085	ug/L	100
38) Bromodichloromethane	6.506	83	66938	5.296	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	62628	4.694	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	238545	58.512	ug/L	95
42) Toluene	7.384	91	209165	4.369	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	50347	4.857	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	35987	5.278	ug/L	99
47) Tetrachloroethene	7.972	164	34961	3.821	ug/L	97
48) 2-Hexanone	8.136	43	175367	61.724	ug/L	95
49) Dibromochloromethane	8.242	129	39599	5.290	ug/L	97
50) 1,2-Dibromoethane	8.349	107	30032	4.689	ug/L	98
51) Chlorobenzene	8.879	112	132904	4.348	ug/L	98
52) Ethylbenzene	9.008	91	200487	3.927	ug/L	99
53) m,p-Xylene	9.136	106	77994	4.017	ug/L	96
54) o-Xylene	9.541	106	77539	4.112	ug/L	98
55) Styrene	9.558	104	133914	4.367	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	33879	4.973	ug/L	97
59) Bromoform	9.728	173	17690	5.327	ug/L	96
60) Isopropylbenzene	9.927	105	198161	3.979	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	28639	5.405	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	81575	3.673	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	153400	3.834	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	97771	4.206	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	96735	4.099	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	89770	4.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5035	5.496	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	69289	3.918	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	50787	3.725	ug/L	99
71) Naphthalene	13.500	128	75651	3.782	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	43050	3.813	ug/L	99

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

