

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042622\
 Data File : VW025723.D
 Acq On : 26 Apr 2022 10:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Apr 27 05:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	215984	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	214452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	84035	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.571	69	84105	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.111	63	173664	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	3.889	46	121550	49.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.520%
24) Chloroform-d	4.346	84	144943	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.031	65	64200	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.047	84	283830	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.066	67	81869	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.314	98	266958	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.619	79	26387	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.085	63	91963	45.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46019	4.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	83598	4.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	76244	3.908	ug/L	98
3) Chloromethane	1.246	50	95442	4.502	ug/L	100
5) Vinyl chloride	1.314	62	104500	4.362	ug/L	100
6) Bromomethane	1.526	94	61864	3.581	ug/L	100
8) Chloroethane	1.587	64	76898	4.158	ug/L	97
9) Trichlorofluoromethane	1.757	101	154375	4.588	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	88710	4.692	ug/L	97
12) 1,1-Dichloroethene	2.121	96	79969	4.269	ug/L	90
13) Acetone	2.185	43	85202	51.393	ug/L	97
14) Carbon disulfide	2.298	76	164534	3.669	ug/L	99
15) Methyl Acetate	2.439	43	18934	5.139	ug/L #	87
16) Methylene chloride	2.507	84	74993	4.129	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	131425	4.534	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	69065	4.400	ug/L	97
19) 1,1-Dichloroethane	3.188	63	132865	4.997	ug/L	98
21) 2-Butanone	3.970	43	123670	53.985	ug/L	93
22) cis-1,2-Dichloroethene	3.909	96	75584	4.574	ug/L	96
23) Bromochloromethane	4.246	128	30970	4.514	ug/L	94
25) Chloroform	4.372	83	142985	5.095	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74063	5.002	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	126273	4.992	ug/L	98
30) Cyclohexane	4.677	56	95267	4.143	ug/L	98
31) Carbon tetrachloride	4.825	117	104993	4.908	ug/L	100
33) Benzene	5.098	78	300447	4.743	ug/L	100
34) Trichloroethene	5.912	95	79700	4.738	ug/L	97
35) Methylcyclohexane	6.127	83	112988	4.210	ug/L	95
37) 1,2-Dichloropropane	6.169	63	73890	5.042	ug/L	100
38) Bromodichloromethane	6.506	83	94363	5.187	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	94373	4.914	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	319634	54.471	ug/L	96
42) Toluene	7.384	91	325149	4.718	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	76103	5.100	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	47668	4.857	ug/L	98
47) Tetrachloroethene	7.973	164	59604	4.526	ug/L	98
48) 2-Hexanone	8.137	43	234175	57.264	ug/L	94
49) Dibromochloromethane	8.243	129	55372	5.139	ug/L	96
50) 1,2-Dibromoethane	8.349	107	41159	4.465	ug/L	98
51) Chlorobenzene	8.879	112	207129	4.707	ug/L	98
52) Ethylbenzene	9.011	91	339485	4.619	ug/L	99
53) m,p-Xylene	9.137	106	134543	4.815	ug/L	96
54) o-Xylene	9.542	106	127826	4.710	ug/L	97
55) Styrene	9.558	104	222402	5.039	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	44732	4.562	ug/L	96
59) Bromoform	9.728	173	24500	5.005	ug/L	94
60) Isopropylbenzene	9.928	105	346122	4.715	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	38636	4.947	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	144103	4.402	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	276127	4.682	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	160789	4.693	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	161414	4.641	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	141035	4.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6606	4.892	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	114684	4.399	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	83548	4.157	ug/L	99
71) Naphthalene	13.500	128	120665	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	71902	4.321	ug/L	96

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

