

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025274.D
 Acq On : 28 Mar 2022 20:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: Mar 29 03:32:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 03:26:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78152	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56006	3.738	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.571	69	56586	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.111	63	129851	4.001	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.000%	
20) 2-Butanone-d5	3.896	46	75021	50.261	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.520%	
24) Chloroform-d	4.352	84	95212	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.037	65	41113	4.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.050	84	183150	4.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.072	67	51027	4.671	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.313	98	172096	4.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.622	79	15983	4.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.088	63	62177	48.307	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.620%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34664	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57713	4.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	78386	4.892	ug/L	99
3) Chloromethane	1.243	50	83288	4.407	ug/L	100
5) Vinyl chloride	1.314	62	93816	4.445	ug/L	97
6) Bromomethane	1.526	94	58119	4.638	ug/L	93
8) Chloroethane	1.587	64	67679	5.109	ug/L	96
9) Trichlorofluoromethane	1.754	101	136963	4.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	75149	4.434	ug/L	99
12) 1,1-Dichloroethene	2.121	96	74059	4.585	ug/L	97
13) Acetone	2.182	43	56691	49.774	ug/L	78
14) Carbon disulfide	2.298	76	169963	5.080	ug/L	98
15) Methyl Acetate	2.442	43	14870	5.735	ug/L	97
16) Methylene chloride	2.510	84	57709	4.551	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	99240	4.857	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	58836	5.075	ug/L	98
19) 1,1-Dichloroethane	3.191	63	99085	5.120	ug/L	99
21) 2-Butanone	3.973	43	81088	51.739	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	61454	5.218	ug/L	94
23) Bromochloromethane	4.252	128	26071	5.307	ug/L	97
25) Chloroform	4.378	83	108419	5.049	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55732	5.026	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	95666	5.135	ug/L	99
30) Cyclohexane	4.680	56	80751	4.847	ug/L	99
31) Carbon tetrachloride	4.831	117	82952	5.144	ug/L	98
33) Benzene	5.098	78	233926	5.176	ug/L	100
34) Trichloroethene	5.915	95	62585	5.043	ug/L	95
35) Methylcyclohexane	6.133	83	93397	4.803	ug/L	98
37) 1,2-Dichloropropane	6.172	63	53505	5.104	ug/L	100
38) Bromodichloromethane	6.510	83	67889	5.112	ug/L	93
39) cis-1,3-Dichloropropene	7.027	75	65043	4.785	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	210004	50.171	ug/L	98
42) Toluene	7.387	91	258914	5.366	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	53432	5.000	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	37039	5.160	ug/L	99
47) Tetrachloroethene	7.976	164	48063	5.252	ug/L	97
48) 2-Hexanone	8.137	43	151939	50.753	ug/L	99
49) Dibromochloromethane	8.246	129	41354	5.354	ug/L	96
50) 1,2-Dibromoethane	8.352	107	33564	5.019	ug/L #	92
51) Chlorobenzene	8.879	112	160953	5.166	ug/L	98
52) Ethylbenzene	9.011	91	264077	5.160	ug/L	99
53) m,p-Xylene	9.136	106	106265	5.339	ug/L	98
54) o-Xylene	9.542	106	101820	5.352	ug/L	98
55) Styrene	9.558	104	170111	5.438	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	37676	5.035	ug/L	99
59) Bromoform	9.731	173	16942	5.304	ug/L #	98
60) Isopropylbenzene	9.931	105	269080	5.191	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29385	4.969	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	113744	4.894	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	213499	5.149	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	124431	5.126	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	122932	5.057	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111467	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4793	4.527	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	89627	5.118	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	68603	5.192	ug/L	97
71) Naphthalene	13.500	128	104983	5.099	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60331	5.300	ug/L	98

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

