

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024617.D
 Acq On : 11 Feb 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Quant Time: Feb 12 03:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37115	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.571	69	35950	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.114	63	92635	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.892	46	90558	59.161	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.320%
24) Chloroform-d	4.352	84	81211	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	37615	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.053	84	154935	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.072	67	47652	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	140701	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	18098	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	75343	54.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30845	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46035	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81478	5.637	ug/L	99
3) Chloromethane	1.243	50	76178	5.356	ug/L	98
5) Vinyl chloride	1.314	62	83472	5.450	ug/L	100
6) Bromomethane	1.523	94	51693	5.482	ug/L	98
8) Chloroethane	1.587	64	54890	5.851	ug/L	95
9) Trichlorofluoromethane	1.754	101	119247	5.761	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	66018	5.721	ug/L #	85
12) 1,1-Dichloroethene	2.121	96	62770	5.511	ug/L	94
13) Acetone	2.182	43	69075	57.183	ug/L	73
14) Carbon disulfide	2.298	76	187255	5.173	ug/L	100
15) Methyl Acetate	2.439	43	19720	5.709	ug/L	93
16) Methylene chloride	2.510	84	59219	5.248	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	126118	5.374	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	61320	5.480	ug/L	88
19) 1,1-Dichloroethane	3.191	63	111335	5.761	ug/L	98
21) 2-Butanone	3.973	43	114430	57.158	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	65215	5.781	ug/L	96
23) Bromochloromethane	4.253	128	24461	5.710	ug/L	87
25) Chloroform	4.378	83	112889	5.581	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	64264	5.795	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	101224	5.625	ug/L	97
30) Cyclohexane	4.680	56	105548	5.693	ug/L	96
31) Carbon tetrachloride	4.828	117	85243	5.593	ug/L	99
33) Benzene	5.101	78	251250	5.869	ug/L	100
34) Trichloroethene	5.915	95	68072	5.774	ug/L	87
35) Methylcyclohexane	6.130	83	110479	5.665	ug/L	97
37) 1,2-Dichloropropane	6.175	63	60652	5.845	ug/L #	97
38) Bromodichloromethane	6.510	83	78002	5.656	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	87775	5.551	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	305626	57.073	ug/L	100
42) Toluene	7.387	91	271317	5.818	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	72348	5.539	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	38465	5.720	ug/L	97
47) Tetrachloroethene	7.976	164	43954	5.620	ug/L	91
48) 2-Hexanone	8.137	43	213219	58.167	ug/L	99
49) Dibromochloromethane	8.246	129	43860	5.401	ug/L	95
50) 1,2-Dibromoethane	8.352	107	35345	5.600	ug/L #	93
51) Chlorobenzene	8.879	112	166409	5.822	ug/L	93
52) Ethylbenzene	9.011	91	301959	5.819	ug/L	97
53) m,p-xylene	9.137	106	114062	5.803	ug/L	95
54) o-xylene	9.542	106	110972	5.855	ug/L	95
55) Styrene	9.558	104	181644	5.838	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	39212	5.757	ug/L	97
59) Bromoform	9.731	173	19909	5.493	ug/L	98
60) Isopropylbenzene	9.931	105	301646	5.863	ug/L	97
61) 1,2,3-Trichloropropane	10.272	75	32444	5.802	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	254554	5.778	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	257175	5.872	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	123106	5.879	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	122176	5.874	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	108551	5.839	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	6134	5.648	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.644	180	86444	5.802	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70523	5.862	ug/L	96
71) Naphthalene	13.500	128	127448	5.849	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57899	5.722	ug/L	97

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

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