

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025146.D
 Acq On : 23 Mar 2022 21:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Mar 24 01:20:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46079	4.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.571	69	41244	5.074	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.111	63	83014	4.627	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	3.899	46	103137	76.885	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	153.780%#	
24) Chloroform-d	4.352	84	98577	5.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
26) 1,2-Dichloroethane-d4	5.034	65	41174	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.053	84	195502	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.069	67	58281	5.303	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.000%	
41) Toluene-d8	7.316	98	173830	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	7.625	79	18813	4.910	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.088	63	85521	65.438	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.880%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40245	6.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	124.400%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	57856	5.249	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	55462	4.465	ug/L	97
3) Chloromethane	1.243	50	50129	4.279	ug/L	99
5) Vinyl chloride	1.314	62	55937	4.525	ug/L	99
6) Bromomethane	1.526	94	31485	3.941	ug/L	98
8) Chloroethane	1.587	64	35854	4.784	ug/L	99
9) Trichlorofluoromethane	1.754	101	80100	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46170	5.065	ug/L	98
12) 1,1-Dichloroethene	2.121	96	43593	4.867	ug/L	96
13) Acetone	2.191	43	49813	55.524	ug/L	81
14) Carbon disulfide	2.297	76	137778	4.299	ug/L	99
15) Methyl Acetate	2.442	43	12770	5.195	ug/L	92
16) Methylene chloride	2.510	84	53981	4.974	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	99152	5.082	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	51020	4.733	ug/L	98
19) 1,1-Dichloroethane	3.191	63	89908	4.901	ug/L	99
21) 2-Butanone	3.982	43	79389	56.067	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	55803	5.128	ug/L	99
23) Bromochloromethane	4.252	128	22130	5.158	ug/L	92
25) Chloroform	4.378	83	93750	4.908	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46902	4.938	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	83349	4.961	ug/L	99
30) Cyclohexane	4.680	56	74753	4.573	ug/L	99
31) Carbon tetrachloride	4.831	117	68750	4.769	ug/L	99
33) Benzene	5.101	78	208683	4.869	ug/L	100
34) Trichloroethene	5.915	95	55091	4.828	ug/L	97
35) Methylcyclohexane	6.130	83	83961	4.648	ug/L	100
37) 1,2-Dichloropropane	6.175	63	48779	4.953	ug/L	100
38) Bromodichloromethane	6.509	83	58830	4.724	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	61998	4.534	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	202434	49.954	ug/L	98
42) Toluene	7.387	91	224367	5.003	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	47202	4.387	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32966	5.012	ug/L	99
47) Tetrachloroethene	7.976	164	38496	4.796	ug/L	98
48) 2-Hexanone	8.140	43	143740	50.032	ug/L	97
49) Dibromochloromethane	8.246	129	34116	4.633	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30685	5.097	ug/L	98
51) Chlorobenzene	8.879	112	140110	4.989	ug/L	99
52) Ethylbenzene	9.011	91	237977	5.016	ug/L	100
53) m,p-xylene	9.136	106	92428	5.059	ug/L	99
54) o-xylene	9.541	106	88785	5.082	ug/L	96
55) Styrene	9.561	104	149449	5.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	35504	5.506	ug/L	99
59) Bromoform	9.731	173	14567	4.154	ug/L	99
60) Isopropylbenzene	9.931	105	238371	4.854	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26326	4.808	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	108934	4.889	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	196049	4.968	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	106583	5.004	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	103375	4.814	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	92308	4.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4860	5.177	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	74208	4.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58469	4.988	ug/L	99
71) Naphthalene	13.500	128	101971	5.238	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	50716	5.106	ug/L	98

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

