

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025438.D
 Acq On : 11 Apr 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Apr 12 06:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	168740	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	168469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	82389	5.252	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.000%	
7) Chloroethane-d5	1.571	69	75457	4.521	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.111	63	171447	5.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.200%	
20) 2-Butanone-d5	3.889	46	104855	54.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.900%	
24) Chloroform-d	4.346	84	127862	5.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.800%	
26) 1,2-Dichloroethane-d4	5.027	65	55840	5.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	5.047	84	248178	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.066	67	69601	5.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.313	98	227803	5.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	7.619	79	23191	5.075	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.085	63	84751	52.849	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.700%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43832	5.104	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75513	4.892	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	92760	6.085	ug/L	100
3) Chloromethane	1.243	50	103652	6.258	ug/L	100
5) Vinyl chloride	1.314	62	113862	6.083	ug/L	98
6) Bromomethane	1.526	94	72124	5.344	ug/L	99
8) Chloroethane	1.587	64	78054	5.403	ug/L	98
9) Trichlorofluoromethane	1.754	101	168249	6.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	90649	6.138	ug/L	98
12) 1,1-Dichloroethene	2.121	96	87800	5.999	ug/L	84
13) Acetone	2.185	43	75399	58.213	ug/L	100
14) Carbon disulfide	2.297	76	203850	5.819	ug/L	99
15) Methyl Acetate	2.439	43	16462	5.719	ug/L	96
16) Methylene chloride	2.506	84	68066	4.797	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	124578	5.501	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	72880	5.943	ug/L	95
19) 1,1-Dichloroethane	3.188	63	120841	5.817	ug/L	97
21) 2-Butanone	3.969	43	107216	59.906	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	75020	5.810	ug/L	100
23) Bromochloromethane	4.246	128	30701	5.727	ug/L	94
25) Chloroform	4.371	83	130541	5.954	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69219	5.983	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	117364	5.907	ug/L	99
30) Cyclohexane	4.677	56	101552	5.621	ug/L	99
31) Carbon tetrachloride	4.825	117	102269	6.086	ug/L	99
33) Benzene	5.095	78	288112	5.789	ug/L	100
34) Trichloroethene	5.911	95	76713	5.806	ug/L	97
35) Methylcyclohexane	6.127	83	119068	5.647	ug/L	99
37) 1,2-Dichloropropane	6.169	63	64815	5.630	ug/L	99
38) Bromodichloromethane	6.506	83	84896	5.940	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	88597	5.872	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	267675	58.067	ug/L	99
42) Toluene	7.384	91	313427	5.790	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	68939	5.881	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	44029	5.711	ug/L	98
47) Tetrachloroethene	7.972	164	60372	5.836	ug/L	97
48) 2-Hexanone	8.136	43	193275	60.163	ug/L	98
49) Dibromochloromethane	8.243	129	51113	6.039	ug/L	95
50) 1,2-Dibromoethane	8.349	107	39426	5.444	ug/L	95
51) Chlorobenzene	8.879	112	195342	5.651	ug/L	99
52) Ethylbenzene	9.008	91	329030	5.699	ug/L	98
53) m,p-Xylene	9.136	106	129609	5.904	ug/L	98
54) o-Xylene	9.542	106	123038	5.771	ug/L	97
55) Styrene	9.558	104	209185	6.034	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	42673	5.540	ug/L	97
59) Bromoform	9.728	173	22898	6.026	ug/L	99
60) Isopropylbenzene	9.927	105	332011	5.826	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34658	5.716	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	142659	5.614	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	266916	5.830	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	152058	5.716	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	150848	5.587	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	132234	5.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6301	6.011	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	112236	5.546	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	84459	5.414	ug/L	98
71) Naphthalene	13.500	128	122309	5.344	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	71009	5.497	ug/L	98

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

