

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029401.D
 Acq On : 05 Dec 2022 14:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005377

Quant Time: Dec 05 23:31:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	241135	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	221971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	116997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76188	5.134	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.565	69	56426	5.194	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.105	63	118560	4.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	3.896	46	118401	47.695	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.400%	
24) Chloroform-d	4.336	84	130419	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.021	65	56016	4.807	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.037	84	269925	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.060	67	77711	4.508	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.304	98	250931	4.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.613	79	30140	4.535	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.082	63	113200	47.783	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.560%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	52083	4.896	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.612	152	85528	4.185	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	83743	4.654	ug/L	100
3) Chloromethane	1.240	50	90584	5.495	ug/L	99
5) Vinyl chloride	1.307	62	83507	5.084	ug/L	100
6) Bromomethane	1.520	94	40329	3.934	ug/L	96
8) Chloroethane	1.581	64	50883	5.212	ug/L	99
9) Trichlorofluoromethane	1.748	101	118338	5.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	67179	5.240	ug/L	97
12) 1,1-Dichloroethene	2.114	96	65702	5.299	ug/L	88
13) Acetone	2.201	43	91455	50.668	ug/L	97
14) Carbon disulfide	2.288	76	189421	5.258	ug/L	99
15) Methyl Acetate	2.436	43	23813	4.591	ug/L	96
16) Methylene chloride	2.500	84	82025	4.330	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	171042	5.396	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	76965	5.409	ug/L	97
19) 1,1-Dichloroethane	3.179	63	145192	5.669	ug/L	99
21) 2-Butanone	3.986	43	155572	55.057	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	88142	5.415	ug/L	96
23) Bromochloromethane	4.236	128	36000	5.522	ug/L	96
25) Chloroform	4.362	83	150275	5.619	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	76229	5.261	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	129640	5.078	ug/L	99
30) Cyclohexane	4.664	56	116652	4.623	ug/L	99
31) Carbon tetrachloride	4.815	117	109814	5.086	ug/L	99
33) Benzene	5.089	78	330890	4.984	ug/L	100
34) Trichloroethene	5.902	95	83910	4.954	ug/L	95
35) Methylcyclohexane	6.121	83	130608	4.569	ug/L	96
37) 1,2-Dichloropropane	6.162	63	82165	5.254	ug/L	99
38) Bromodichloromethane	6.500	83	107083	5.720	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	118816	5.197	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	392010	53.567	ug/L	99
42) Toluene	7.378	91	358723	5.035	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	95726	5.286	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	56036	5.292	ug/L	97
47) Tetrachloroethene	7.963	164	65270	4.701	ug/L	97
48) 2-Hexanone	8.133	43	283917	55.652	ug/L	98
49) Dibromochloromethane	8.233	129	69024	5.795	ug/L	99
50) 1,2-Dibromoethane	8.342	107	50133	5.426	ug/L	96
51) Chlorobenzene	8.870	112	228843	5.138	ug/L	99
52) Ethylbenzene	9.002	91	390872	5.262	ug/L	99
53) m,p-Xylene	9.127	106	150515	5.137	ug/L	97
54) o-Xylene	9.532	106	146034	5.074	ug/L	96
55) Styrene	9.551	104	262942	5.412	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	64712	5.907	ug/L	98
59) Bromoform	9.722	173	39561	6.436	ug/L	99
60) Isopropylbenzene	9.921	105	384684	5.085	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	44255	5.454	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	329699	5.034	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	332963	5.054	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	184897	5.239	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	181580	5.201	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	168855	5.193	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9927	6.229	ug/L	93
69) 1,3,5-Trichlorobenzene	12.632	180	152458	5.244	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	123704	5.251	ug/L	99
71) Naphthalene	13.493	128	119088	5.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	101920	5.314	ug/L	99

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

