

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025399.D
 Acq On : 07 Apr 2022 21:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

Quant Time: Apr 08 01:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	73247	4.941	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.571	69	67122	5.395	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.800%	
11) 1,1-Dichloroethene-d2	2.114	63	142135	4.426	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	3.892	46	88130	59.683	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.360%	
24) Chloroform-d	4.352	84	106665	5.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.200%	
26) 1,2-Dichloroethane-d4	5.034	65	46259	5.410	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.053	84	217110	5.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.800%	
36) 1,2-Dichloropropane-d6	6.072	67	59014	5.567	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.317	98	202927	5.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.000%	
43) trans-1,3-Dichloroprop...	7.625	79	19604	5.668	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	113.400%	
46) 2-Hexanone-d5	8.088	63	70457	56.407	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.820%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38070	5.386	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	67562	5.604	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	62691	3.955	ug/L	100
3) Chloromethane	1.243	50	73740	3.944	ug/L	100
5) Vinyl chloride	1.314	62	82792	3.965	ug/L	97
6) Bromomethane	1.526	94	54537	4.400	ug/L	97
8) Chloroethane	1.587	64	61316	4.679	ug/L	96
9) Trichlorofluoromethane	1.757	101	117045	4.146	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	59636	3.557	ug/L	98
12) 1,1-Dichloroethene	2.124	96	65720	4.113	ug/L	95
13) Acetone	2.179	43	62118	55.129	ug/L	77
14) Carbon disulfide	2.298	76	141151	4.264	ug/L	99
15) Methyl Acetate	2.439	43	15071	5.875	ug/L	95
16) Methylene chloride	2.510	84	60406	4.815	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	114017	5.641	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	55903	4.875	ug/L	98
19) 1,1-Dichloroethane	3.195	63	101092	5.281	ug/L	97
21) 2-Butanone	3.976	43	91624	59.095	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	62558	5.369	ug/L	99
23) Bromochloromethane	4.256	128	26293	5.410	ug/L	92
25) Chloroform	4.378	83	110203	5.188	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	57989	5.287	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	93462	5.170	ug/L	99
30) Cyclohexane	4.680	56	74774	4.625	ug/L	99
31) Carbon tetrachloride	4.831	117	77976	4.983	ug/L	98
33) Benzene	5.101	78	234571	5.348	ug/L	100
34) Trichloroethene	5.915	95	60741	5.044	ug/L	98
35) Methylcyclohexane	6.133	83	77705	4.118	ug/L	98
37) 1,2-Dichloropropane	6.175	63	55636	5.469	ug/L	98
38) Bromodichloromethane	6.513	83	69508	5.393	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	72220	5.474	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	241123	59.359	ug/L	100
42) Toluene	7.387	91	250604	5.352	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	58308	5.623	ug/L	91
45) 1,1,2-Trichloroethane	7.838	97	38619	5.544	ug/L	97
47) Tetrachloroethene	7.976	164	42372	4.771	ug/L	96
48) 2-Hexanone	8.140	43	167825	57.765	ug/L	97
49) Dibromochloromethane	8.246	129	41004	5.470	ug/L	100
50) 1,2-Dibromoethane	8.355	107	33932	5.228	ug/L	99
51) Chlorobenzene	8.882	112	159760	5.284	ug/L	98
52) Ethylbenzene	9.011	91	260693	5.249	ug/L	99
53) m,p-Xylene	9.136	106	101773	5.269	ug/L	99
54) o-Xylene	9.542	106	100946	5.467	ug/L	96
55) Styrene	9.561	104	168106	5.537	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	38466	5.297	ug/L	99
59) Bromoform	9.731	173	18994	6.191	ug/L	97
60) Isopropylbenzene	9.931	105	262720	5.278	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29982	5.279	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	113759	5.096	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	205354	5.156	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	122699	5.263	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	116599	4.994	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111118	5.416	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5130	5.045	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	81082	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67566	5.325	ug/L	97
71) Naphthalene	13.500	128	114267	5.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60059	5.493	ug/L	97

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

