

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023928.D
 Acq On : 11 Dec 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Dec 12 00:26:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	110249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24745	4.175	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	22980	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.111	63	53756	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.895	46	70866	61.200	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.400%
24) Chloroform-d	4.349	84	63321	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	29853	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	99510	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.069	67	32124	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.313	98	88967	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.622	79	12803	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	66372	51.440	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27697	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	41347	4.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	49082	5.115	ug/L	100
3) Chloromethane	1.240	50	40841	4.981	ug/L	100
5) Vinyl chloride	1.310	62	45069	5.068	ug/L	97
6) Bromomethane	1.523	94	27747	4.910	ug/L	97
8) Chloroethane	1.584	64	28600	4.943	ug/L	94
9) Trichlorofluoromethane	1.754	101	81423	5.269	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	43492	5.344	ug/L	98
12) 1,1-Dichloroethene	2.121	96	37585	5.081	ug/L	90
13) Acetone	2.188	43	60517	65.325	ug/L	80
14) Carbon disulfide	2.294	76	103252	4.812	ug/L	99
15) Methyl Acetate	2.439	43	12334	5.493	ug/L	99
16) Methylene chloride	2.506	84	42892	4.432	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	86009	5.142	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	41401	5.056	ug/L	96
19) 1,1-Dichloroethane	3.188	63	75857	5.162	ug/L	96
21) 2-Butanone	3.973	43	74920	56.602	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	45757	5.279	ug/L	98
23) Bromochloromethane	4.246	128	21232	5.391	ug/L	86
25) Chloroform	4.375	83	83230	5.095	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46240	5.224	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	79056	5.197	ug/L	99
30) Cyclohexane	4.677	56	58117	4.817	ug/L	98
31) Carbon tetrachloride	4.828	117	72657	5.081	ug/L	100
33) Benzene	5.098	78	170117	5.172	ug/L	100
34) Trichloroethene	5.911	95	47588	5.129	ug/L	96
35) Methylcyclohexane	6.130	83	69232	5.070	ug/L	96
37) 1,2-Dichloropropane	6.172	63	39051	4.995	ug/L	100
38) Bromodichloromethane	6.510	83	57172	5.163	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	57585	4.962	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	202430	53.904	ug/L	98
42) Toluene	7.387	91	195336	5.277	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	50681	5.052	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	29045	5.022	ug/L	97
47) Tetrachloroethene	7.976	164	43631	5.342	ug/L	98
48) 2-Hexanone	8.136	43	146276	53.719	ug/L	96
49) Dibromochloromethane	8.243	129	39263	4.990	ug/L	97
50) 1,2-Dibromoethane	8.352	107	27037	5.035	ug/L	93
51) Chlorobenzene	8.879	112	130309	5.267	ug/L	99
52) Ethylbenzene	9.011	91	204980	5.248	ug/L	99
53) m,p-xylene	9.136	106	82131	5.317	ug/L	98
54) o-xylene	9.542	106	78191	5.235	ug/L	99
55) Styrene	9.561	104	137877	5.545	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	31905	5.038	ug/L	99
59) Bromoform	9.731	173	22091	4.751	ug/L	99
60) Isopropylbenzene	9.931	105	214589	5.044	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	22482	4.555	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	179399	5.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	183048	5.207	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	116736	5.366	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	126587	5.793	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	118463	5.943	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5118	4.748	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	88785	4.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	74334	5.289	ug/L	100
71) Naphthalene	13.503	128	89828	4.447	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60593	4.883	ug/L	99

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

