

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023977.D
 Acq On : 14 Dec 2021 18:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

Quant Time: Dec 15 05:40:55 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	5.619	114	96231	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	105443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26233	5.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.568	69	21658	5.018	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.108	63	56438	5.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.800%
20) 2-Butanone-d5	3.912	46	31913	31.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.140%
24) Chloroform-d	4.349	84	58083	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	26622	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.050	84	105130	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.069	67	28612	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.317	98	105536	5.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
43) trans-1,3-Dichloroprop...	7.625	79	11442	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	41939	35.840	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22215	4.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	39710	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45621	5.447	ug/L	99
3) Chloromethane	1.240	50	36610	5.116	ug/L	99
5) Vinyl chloride	1.310	62	41019	5.285	ug/L	99
6) Bromomethane	1.519	94	26128	5.297	ug/L	100
8) Chloroethane	1.584	64	26889	5.324	ug/L	99
9) Trichlorofluoromethane	1.751	101	75665	5.610	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	39930	5.621	ug/L	96
12) 1,1-Dichloroethene	2.118	96	34712	5.376	ug/L	93
13) Acetone	2.198	43	30865	38.171	ug/L	82
14) Carbon disulfide	2.294	76	93491	4.992	ug/L	99
15) Methyl Acetate	2.442	43	10088	5.147	ug/L	96
16) Methylene chloride	2.507	84	41527	4.916	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	74924	5.132	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	38841	5.435	ug/L	97
19) 1,1-Dichloroethane	3.191	63	69941	5.453	ug/L	99
21) 2-Butanone	3.989	43	51113	44.241	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	38781	5.126	ug/L	98
23) Bromochloromethane	4.249	128	19413	5.647	ug/L	94
25) Chloroform	4.375	83	78986	5.539	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43230	5.596	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	74478	5.399	ug/L	99
30) Cyclohexane	4.680	56	51390	4.697	ug/L	98
31) Carbon tetrachloride	4.828	117	67146	5.178	ug/L	99
33) Benzene	5.098	78	156297	5.240	ug/L	100
34) Trichloroethene	5.915	95	42388	5.038	ug/L	96
35) Methylcyclohexane	6.130	83	58620	4.734	ug/L	99
37) 1,2-Dichloropropane	6.175	63	37210	5.248	ug/L	100
38) Bromodichloromethane	6.510	83	52348	5.212	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	50543	4.802	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	183593	53.907	ug/L	99
42) Toluene	7.387	91	177322	5.282	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	44012	4.838	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27134	5.173	ug/L	96
47) Tetrachloroethene	7.976	164	38009	5.131	ug/L	98
48) 2-Hexanone	8.143	43	135896	55.031	ug/L	99
49) Dibromochloromethane	8.246	129	36762	5.151	ug/L	100
50) 1,2-Dibromoethane	8.355	107	26274	5.395	ug/L	99
51) Chlorobenzene	8.883	112	114677	5.111	ug/L	99
52) Ethylbenzene	9.011	91	180798	5.104	ug/L	100
53) m,p-xylene	9.140	106	72912	5.205	ug/L	98
54) o-xylene	9.545	106	69852	5.156	ug/L	98
55) Styrene	9.561	104	121386	5.383	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	29652	5.163	ug/L	99
59) Bromoform	9.731	173	19908	4.930	ug/L	97
60) Isopropylbenzene	9.931	105	191061	5.172	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	21631	5.047	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	154353	5.037	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	154912	5.074	ug/L	96
64) 1,3-Dichlorobenzene	11.181	146	97787	5.176	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	97961	5.162	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	89982	5.198	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4823	5.152	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	76163	4.901	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	56302	4.613	ug/L	96
71) Naphthalene	13.503	128	81177	4.628	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53091	4.927	ug/L	99

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

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