

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112921\
 Data File : VW023743.D
 Acq On : 29 Nov 2021 14:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 11/30/2021

Quant Time: Nov 30 00:22:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 30 00:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125994	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43075	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	34780	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.108	63	81320	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.908	46	61354m	49.344	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.680%
24) Chloroform-d	4.346	84	85120	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.031	65	41066	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	166709	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	47035	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.314	98	168530	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.622	79	18765	4.875	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.092	63	63367	49.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34724	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	62186	5.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	48697	4.074	ug/L	99
3) Chloromethane	1.240	50	41284	3.973	ug/L	99
5) Vinyl chloride	1.311	62	44816	4.106	ug/L	97
6) Bromomethane	1.523	94	25524	4.124	ug/L	99
8) Chloroethane	1.584	64	27211	3.935	ug/L	95
9) Trichlorofluoromethane	1.754	101	78471	4.413	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	40325	4.525	ug/L	99
12) 1,1-Dichloroethene	2.118	96	37157	4.402	ug/L	86
13) Acetone	2.195	43	39508m	35.311	ug/L	
14) Carbon disulfide	2.294	76	102914	3.627	ug/L	100
15) Methyl Acetate	2.442	43	10522	4.143	ug/L	96
16) Methylene chloride	2.507	84	53089	4.407	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	82319	4.758	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	40851	4.249	ug/L	98
19) 1,1-Dichloroethane	3.188	63	73061	4.519	ug/L	95
21) 2-Butanone	3.989	43	67149m	47.417	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	42540	4.613	ug/L	93
23) Bromochloromethane	4.246	128	20028	4.628	ug/L	95
25) Chloroform	4.375	83	82958	4.606	ug/L	100

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27) 1,2-Dichloroethane	5.130	62	44624	4.660	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	75386	4.613	ug/L	99
30) Cyclohexane	4.674	56	56818	4.166	ug/L	99
31) Carbon tetrachloride	4.825	117	68267	4.561	ug/L	98
33) Benzene	5.098	78	163671	4.591	ug/L	100
34) Trichloroethene	5.912	95	43961	4.603	ug/L	95
35) Methylcyclohexane	6.130	83	64087	4.304	ug/L	98
37) 1,2-Dichloropropane	6.172	63	40010	4.721	ug/L	100
38) Bromodichloromethane	6.510	83	55822	4.854	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	56254	4.665	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	202202	49.985	ug/L	99
42) Toluene	7.384	91	186716	4.830	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	50348	4.968	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	29714	5.064	ug/L	98
47) Tetrachloroethene	7.973	164	39709	4.568	ug/L	99
48) 2-Hexanone	8.140	43	150207	50.239	ug/L	100
49) Dibromochloromethane	8.246	129	40735	5.066	ug/L	99
50) 1,2-Dibromoethane	8.352	107	27686	4.839	ug/L	99
51) Chlorobenzene	8.879	112	122846	4.793	ug/L	98
52) Ethylbenzene	9.011	91	195063	4.827	ug/L	98
53) m,p-xylene	9.137	106	76549	4.759	ug/L	99
54) o-xylene	9.542	106	73490	4.804	ug/L	100
55) Styrene	9.558	104	128547	4.988	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32517	4.981	ug/L	97
59) Bromoform	9.731	173	22254	4.869	ug/L	97
60) Isopropylbenzene	9.931	105	200789	4.859	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23443	4.777	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	165014	4.799	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	165159	4.857	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	103371	4.893	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	102647	4.834	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	93762	4.849	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4655	4.776	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.644	180	80777	4.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	61138	4.777	ug/L	98
71) Naphthalene	13.503	128	77381	4.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54319	4.898	ug/L	99

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

