

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023875.D
 Acq On : 09 Dec 2021 20:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 10 03:27:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37917	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.568	69	31440	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.111	63	68583	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.905	46	47715	45.078	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.160%
24) Chloroform-d	4.352	84	80795	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.037	65	36794	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	142540	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.072	67	42657	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	134656	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.625	79	17523	5.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.600%
46) 2-Hexanone-d5	8.092	63	77072	71.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.760%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33558	5.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	55169	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	48485	4.764	ug/L	99
3) Chloromethane	1.240	50	41067	4.642	ug/L	97
5) Vinyl chloride	1.310	62	43992	4.735	ug/L	98
6) Bromomethane	1.523	94	27143	5.152	ug/L	99
8) Chloroethane	1.587	64	28180	4.786	ug/L	96
9) Trichlorofluoromethane	1.754	101	77266	5.104	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	41170	5.427	ug/L	98
12) 1,1-Dichloroethene	2.121	96	37051	5.156	ug/L	98
13) Acetone	2.198	43	33402m	35.069	ug/L	
14) Carbon disulfide	2.298	76	109800	4.546	ug/L	99
15) Methyl Acetate	2.445	43	9840	4.552	ug/L	98
16) Methylene chloride	2.507	84	42807	4.175	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79855	5.422	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	40910	4.998	ug/L	99
19) 1,1-Dichloroethane	3.191	63	71954	5.228	ug/L	98
21) 2-Butanone	3.995	43	38979	32.333	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	42797	5.452	ug/L	98
23) Bromochloromethane	4.256	128	19606	5.322	ug/L	94
25) Chloroform	4.375	83	79612	5.192	ug/L	99

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27) 1,2-Dichloroethane	5.133	62	43552	5.343	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	75949	5.544	ug/L	99
30) Cyclohexane	4.680	56	60135	5.260	ug/L	99
31) Carbon tetrachloride	4.828	117	68090	5.426	ug/L	98
33) Benzene	5.101	78	161785	5.413	ug/L	100
34) Trichloroethene	5.915	95	43414	5.422	ug/L	97
35) Methylcyclohexane	6.130	83	66672	5.341	ug/L	98
37) 1,2-Dichloropropane	6.175	63	37597	5.292	ug/L	99
38) Bromodichloromethane	6.510	83	53024	5.499	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	53805	5.322	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	193646	57.099	ug/L	98
42) Toluene	7.387	91	188518	5.816	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	46848	5.513	ug/L	90
45) 1,1,2-Trichloroethane	7.841	97	28035	5.699	ug/L	98
47) Tetrachloroethene	7.976	164	39893	5.474	ug/L	96
48) 2-Hexanone	8.143	43	139976	55.842	ug/L	98
49) Dibromochloromethane	8.246	129	38715	5.743	ug/L	96
50) 1,2-Dibromoethane	8.352	107	27140	5.658	ug/L	97
51) Chlorobenzene	8.882	112	121035	5.632	ug/L	99
52) Ethylbenzene	9.011	91	194303	5.735	ug/L	98
53) m,p-xylene	9.140	106	77633	5.757	ug/L	100
54) o-xylene	9.542	106	74589	5.816	ug/L	98
55) Styrene	9.561	104	129862	6.010	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	30555	5.583	ug/L	99
59) Bromoform	9.731	173	20877	5.227	ug/L	98
60) Isopropylbenzene	9.931	105	204101	5.652	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22355	5.212	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	168542	5.609	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	170366	5.734	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	103000	5.579	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	101366	5.463	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	92683	5.485	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5076	5.960	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	81066	5.624	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	61827	5.528	ug/L	98
71) Naphthalene	13.503	128	86880	5.772	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	55670	5.745	ug/L	99

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

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