

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW113021\
 Data File : VV023745.D
 Acq On : 30 Nov 2021 09:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005375

Quant Time: Dec 01 01:17:02 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	141999	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47860	4.106	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.568	69	37564	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.108	63	93028	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.912	46	66594m	47.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.040%
24) Chloroform-d	4.343	84	92072	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.027	65	43258	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.047	84	180139	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	49701	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	183019	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.622	79	21628	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.088	63	70409	50.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35772	4.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	66504	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	68206	5.062	ug/L	98
3) Chloromethane	1.240	50	57007	4.867	ug/L	98
5) Vinyl chloride	1.310	62	60330	4.905	ug/L	99
6) Bromomethane	1.523	94	36093	5.175	ug/L	96
8) Chloroethane	1.584	64	38161	4.896	ug/L	98
9) Trichlorofluoromethane	1.754	101	102980	5.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	54046	5.381	ug/L	99
12) 1,1-Dichloroethene	2.118	96	48889	5.139	ug/L	93
13) Acetone	2.201	43	60588m	48.048	ug/L	
14) Carbon disulfide	2.294	76	157683	4.931	ug/L	99
15) Methyl Acetate	2.439	43	12563	4.389	ug/L	99
16) Methylene chloride	2.507	84	56044	4.128	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	103313	5.299	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	54711	5.049	ug/L	98
19) 1,1-Dichloroethane	3.188	63	94367	5.179	ug/L	98
21) 2-Butanone	3.989	43	91060m	57.054	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	55967	5.385	ug/L	95
23) Bromochloromethane	4.243	128	26156	5.363	ug/L	89
25) Chloroform	4.368	83	104214	5.134	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55060	5.102	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	98889	5.533	ug/L	98
30) Cyclohexane	4.674	56	78905	5.291	ug/L	98
31) Carbon tetrachloride	4.825	117	90996	5.559	ug/L	97
33) Benzene	5.095	78	215778	5.534	ug/L	100
34) Trichloroethene	5.912	95	57442	5.500	ug/L	98
35) Methylcyclohexane	6.127	83	89933	5.523	ug/L	97
37) 1,2-Dichloropropane	6.169	63	50513	5.450	ug/L	99
38) Bromodichloromethane	6.506	83	68881	5.476	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	72564	5.502	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	250746	56.679	ug/L	96
42) Toluene	7.384	91	242400	5.733	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	64204	5.792	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	36636	5.709	ug/L	98
47) Tetrachloroethene	7.973	164	53391	5.616	ug/L	99
48) 2-Hexanone	8.137	43	189160	57.850	ug/L	99
49) Dibromochloromethane	8.243	129	50229	5.712	ug/L	99
50) 1,2-Dibromoethane	8.352	107	35178	5.622	ug/L	97
51) Chlorobenzene	8.879	112	155148	5.535	ug/L	98
52) Ethylbenzene	9.008	91	250305	5.663	ug/L	99
53) m,p-xylene	9.137	106	99478	5.655	ug/L	97
54) o-xylene	9.542	106	94879	5.672	ug/L	99
55) Styrene	9.558	104	166714	5.915	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	39532	5.537	ug/L	99
59) Bromoform	9.731	173	27619	5.348	ug/L	98
60) Isopropylbenzene	9.931	105	261139	5.593	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27931	5.037	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	218560	5.626	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	218749	5.694	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	133511	5.593	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	130121	5.423	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	120107	5.498	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6019	5.466	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	104040	5.582	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	77338	5.348	ug/L	98
71) Naphthalene	13.503	128	100319	5.155	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	67852	5.415	ug/L	100

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

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