

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023134.D
 Acq On : 02 Nov 2021 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Nov 02 22:33:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	133906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49925	4.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.568	69	39232	5.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.108	63	86421	5.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.899	46	75933	40.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.900%
24) Chloroform-d	4.346	84	98469	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.030	65	43245	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.047	84	187881	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	54395	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	182404	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.622	79	20365	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	74702	46.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39767	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	63416	4.541	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	37875	4.458	ug/L	97
3) Chloromethane	1.240	50	38399	4.182	ug/L	98
5) Vinyl chloride	1.310	62	40648	4.286	ug/L	100
6) Bromomethane	1.519	94	26462	5.523	ug/L	94
8) Chloroethane	1.584	64	26130	5.269	ug/L	96
9) Trichlorofluoromethane	1.751	101	68801	5.376	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39688	5.438	ug/L	100
12) 1,1-Dichloroethene	2.117	96	34770	5.072	ug/L	99
13) Acetone	2.191	43	44882	48.737	ug/L	93
14) Carbon disulfide	2.291	76	105780	5.666	ug/L	100
15) Methyl Acetate	2.442	43	13688m	3.907	ug/L	
16) Methylene chloride	2.506	84	44415	5.898	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	81114	4.956	ug/L	93
18) trans-1,2-Dichloroethene	2.757	96	41859	5.719	ug/L	97
19) 1,1-Dichloroethane	3.188	63	79881	5.940	ug/L	97
21) 2-Butanone	3.985	43	68540	38.018	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	42838	5.162	ug/L #	87
23) Bromochloromethane	4.246	128	20050	5.322	ug/L	87
25) Chloroform	4.371	83	83059	4.674	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023134.D
 Acq On : 02 Nov 2021 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Nov 02 22:33:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42098	4.492	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	74852	4.789	ug/L	99
30) Cyclohexane	4.677	56	56623	4.149	ug/L	99
31) Carbon tetrachloride	4.825	117	66055	4.911	ug/L	97
33) Benzene	5.098	78	167998	4.513	ug/L	100
34) Trichloroethene	5.911	95	43147	4.614	ug/L	94
35) Methylcyclohexane	6.127	83	61806	4.616	ug/L	98
37) 1,2-Dichloropropane	6.172	63	41390	4.411	ug/L	97
38) Bromodichloromethane	6.509	83	55484	4.794	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	56822	4.864	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	207051	46.876	ug/L	99
42) Toluene	7.387	91	189683	5.028	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	50261	5.200	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	29393	4.478	ug/L	97
47) Tetrachloroethene	7.976	164	37817	4.787	ug/L	99
48) 2-Hexanone	8.140	43	156253	47.655	ug/L	98
49) Dibromochloromethane	8.246	129	37970	4.862	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28132	4.761	ug/L #	99
51) Chlorobenzene	8.879	112	119958	4.841	ug/L	98
52) Ethylbenzene	9.011	91	186565	4.983	ug/L	99
53) m,p-xylene	9.140	106	73566	4.900	ug/L	95
54) o-xylene	9.545	106	69858	4.942	ug/L	99
55) Styrene	9.561	104	127744	5.233	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	34180	4.659	ug/L	99
59) Bromoform	9.731	173	21231	4.655	ug/L	97
60) Isopropylbenzene	9.931	105	191828	4.846	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24259	4.403	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	149816	4.711	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	156510	4.931	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101006	4.849	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	101457	4.794	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	90798	4.682	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4878	4.487	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.644	180	76276	4.808	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	57159	4.815	ug/L	99
71) Naphthalene	13.503	128	83476	4.625	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53083	4.817	ug/L	99

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

