

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029079.D
 Acq On : 17 Nov 2022 21:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Quant Time: Nov 18 01:46:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	288983	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	264724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	138197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67336	3.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.568	69	56385	3.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.111	63	130267	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.902	46	120194m	40.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.520%
24) Chloroform-d	4.346	84	163075	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.034	65	71124	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.050	84	329146	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.069	67	92225	4.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.314	98	321762	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.622	79	28349	3.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.088	63	145377	47.328	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72568	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	123962	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	111895	4.645	ug/L	99
3) Chloromethane	1.240	50	84832	4.243	ug/L	99
5) Vinyl chloride	1.311	62	97713	4.285	ug/L	94
6) Bromomethane	1.523	94	57899	4.248	ug/L	92
8) Chloroethane	1.587	64	56611	4.224	ug/L	91
9) Trichlorofluoromethane	1.754	101	151382	4.923	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	85056	4.885	ug/L	95
12) 1,1-Dichloroethene	2.121	96	85814	4.905	ug/L	90
13) Acetone	2.188	43	66466m	35.036	ug/L	
14) Carbon disulfide	2.294	76	265075	4.267	ug/L	99
15) Methyl Acetate	2.439	43	17411	3.782	ug/L	93
16) Methylene chloride	2.507	84	99016	4.377	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	183241	4.886	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	98483	4.854	ug/L	94
19) 1,1-Dichloroethane	3.188	63	159608	4.812	ug/L	99
21) 2-Butanone	3.986	43	113737m	38.724	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	104302	5.057	ug/L	92
23) Bromochloromethane	4.246	128	45301	5.193	ug/L	93
25) Chloroform	4.375	83	172144	4.951	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029079.D
 Acq On : 17 Nov 2022 21:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 01:46:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	86820	4.848	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	151089	4.864	ug/L	98
30) Cyclohexane	4.677	56	144955	4.591	ug/L	97
31) Carbon tetrachloride	4.828	117	127799	4.777	ug/L	100
33) Benzene	5.098	78	395864	4.894	ug/L	100
34) Trichloroethene	5.915	95	101372	4.895	ug/L	96
35) Methylcyclohexane	6.130	83	167588	4.604	ug/L	97
37) 1,2-Dichloropropane	6.172	63	87766	4.705	ug/L	97
38) Bromodichloromethane	6.506	83	109768	4.646	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	107073	4.111	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	400544	49.906	ug/L	96
42) Toluene	7.384	91	433527	4.961	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	85766	4.242	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	67832	5.555	ug/L	97
47) Tetrachloroethene	7.973	164	90272	5.444	ug/L	96
48) 2-Hexanone	8.140	43	294944	52.461	ug/L	98
49) Dibromochloromethane	8.239	129	70982	4.808	ug/L	98
50) 1,2-Dibromoethane	8.349	107	63135	5.565	ug/L #	100
51) Chlorobenzene	8.876	112	284971	5.274	ug/L	99
52) Ethylbenzene	9.008	91	467835	5.142	ug/L	97
53) m,p-Xylene	9.133	106	187895	5.193	ug/L	100
54) o-Xylene	9.538	106	181801	5.285	ug/L	99
55) Styrene	9.555	104	309911	5.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	73816	5.186	ug/L	98
59) Bromoform	9.728	173	33611	4.461	ug/L	99
60) Isopropylbenzene	9.924	105	477956	5.328	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	50317	5.328	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	386207	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	380849	5.003	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	219595	5.210	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	216856	5.118	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	201642	5.325	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	7445	4.007	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.635	180	167492	5.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	124848	5.076	ug/L	98
71) Naphthalene	13.493	128	144175	4.543	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	107336	5.153	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029079.D
 Acq On : 17 Nov 2022 21:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 01:46:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

