

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VV028877.D
 Acq On : 11 Nov 2022 15:05
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020201

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 21:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	294018	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262226	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	146111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	404029	22.540	ug/L	0.00
7) Chloroethane-d5	1.564	69	345659	21.936	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	729574	22.335	ug/L	0.00
20) 2-Butanone-d5	3.883	46	745848m	250.906	ug/L	-0.01
24) Chloroform-d	4.342	84	837279	22.751	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	367170	22.175	ug/L	0.00
32) Benzene-d6	5.046	84	1777680	22.712	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	494686	22.634	ug/L	0.00
41) Toluene-d8	7.310	98	1586769	22.521	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.615	79	172406	24.186	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	765072	254.205	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	337401	22.266	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	580869	22.221	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	537001	21.910	ug/L	99
3) Chloromethane	1.236	50	450970	22.169	ug/L	99
5) Vinyl chloride	1.307	62	509426	21.955	ug/L	99
6) Bromomethane	1.519	94	308701	22.260	ug/L	97
8) Chloroethane	1.584	64	279268	20.482	ug/L	97
9) Trichlorofluoromethane	1.751	101	683055	21.833	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	382299	21.582	ug/L	99
12) 1,1-Dichloroethene	2.114	96	391905	22.018	ug/L	91
13) Acetone	2.178	43	376137m	194.864	ug/L	
14) Carbon disulfide	2.291	76	1371414	21.698	ug/L	100
15) Methyl Acetate	2.432	43	119095	25.425	ug/L	91
16) Methylene chloride	2.503	84	433177	18.822	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	865150	22.672	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	450188	21.808	ug/L	98
19) 1,1-Dichloroethane	3.185	63	738248	21.876	ug/L	99
21) 2-Butanone	3.966	43	696941m	238.274	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	480001	22.872	ug/L	98
23) Bromochloromethane	4.243	128	196730	22.164	ug/L	92
25) Chloroform	4.368	83	761746	21.532	ug/L	96
27) 1,2-Dichloroethane	5.124	62	398532	21.872	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	677605	22.021	ug/L	98
30) Cyclohexane	4.673	56	709366	22.682	ug/L	99
31) Carbon tetrachloride	4.825	117	590228	22.274	ug/L	99
33) Benzene	5.095	78	1776842	22.174	ug/L	100
34) Trichloroethene	5.908	95	455256	22.192	ug/L	98
35) Methylcyclohexane	6.127	83	817919	22.686	ug/L	98
37) 1,2-Dichloropropane	6.169	63	406992	22.025	ug/L	100
38) Bromodichloromethane	6.503	83	516794	22.084	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	618643	23.981	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1779549	224.245	ug/L	97
42) Toluene	7.381	91	1840283	21.258	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	476055	23.771	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VV028877.D
 Acq On : 11 Nov 2022 15:05
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020201

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 21:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	271419	22.438	ug/L	97
47) Tetrachloroethene	7.969	164	363858	22.151	ug/L	99
48) 2-Hexanone	8.136	43	1243215	224.764	ug/L	98
49) Dibromochloromethane	8.239	129	332006	22.702	ug/L	99
50) 1,2-Dibromoethane	8.345	107	249345	22.188	ug/L	97
51) Chlorobenzene	8.876	112	1176180	21.974	ug/L	100
52) Ethylbenzene	9.005	91	2004761	22.244	ug/L	99
53) m,p-Xylene	9.133	106	800794	22.341	ug/L	99
54) o-Xylene	9.538	106	773297	22.695	ug/L	98
55) Styrene	9.554	104	1323118	23.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	309728	21.968	ug/L	99
59) Bromoform	9.725	173	177928	22.338	ug/L	98
60) Isopropylbenzene	9.924	105	2061783	21.740	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	213045	21.337	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	1792714	22.314	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	1809027	22.478	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	976527	21.915	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	969276	21.637	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	881103	22.008	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	47527	24.192	ug/L	84
69) 1,3,5-Trichlorobenzene	12.635	180	788245	22.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	641507	24.670	ug/L	97
71) Naphthalene	13.493	128	925779	27.592	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	543229	24.666	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028877.D
 Acq On : 11 Nov 2022 15:05
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020201

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 21:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

