

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033543.D
 Acq On : 28 Dec 2023 11:27
 Operator : SY/MD
 Sample : VSTD01025
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010225

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 02:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	128987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	62060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84262	10.422	ug/L	0.00
7) Chloroethane-d5	1.532	69	71249	10.401	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	34988	9.777	ug/L	0.00
20) 2-Butanone-d5	3.809	46	222480	111.055	ug/L	0.00
24) Chloroform-d	4.252	84	169419	10.331	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	81188	10.875	ug/L	0.00
32) Benzene-d6	4.960	84	325320	10.565	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	105313	10.886	ug/L	0.00
41) Toluene-d8	7.243	98	290978	10.680	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	40361	10.382	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	177770	114.818	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	67158	10.403	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	103877	10.444	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	116497	10.196	ug/L	99
3) Chloromethane	1.214	50	125414	10.213	ug/L	99
5) Vinyl chloride	1.281	62	122494	10.309	ug/L	99
6) Bromomethane	1.490	94	68351	10.226	ug/L	99
8) Chloroethane	1.552	64	75075	10.243	ug/L	100
9) Trichlorofluoromethane	1.716	101	147127	10.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	89417	10.150	ug/L	96
12) 1,1-Dichloroethene	2.069	96	82457	10.274	ug/L	98
13) Acetone	2.143	43	163445m	90.185	ug/L	
14) Carbon disulfide	2.240	76	255598	10.482	ug/L	97
15) Methyl Acetate	2.388	43	43272m	9.591	ug/L	
16) Methylene chloride	2.449	84	96677	9.697	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	231326	10.453	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	93065	10.424	ug/L	98
19) 1,1-Dichloroethane	3.114	63	203237	10.457	ug/L	99
21) 2-Butanone	3.889	43	242336	103.244	ug/L #	58
22) cis-1,2-Dichloroethene	3.815	96	107575	10.619	ug/L	99
23) Bromochloromethane	4.150	128	40931	10.474	ug/L	97
25) Chloroform	4.278	83	190868	10.482	ug/L	99
27) 1,2-Dichloroethane	5.043	62	112626	10.649	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	165899	10.277	ug/L	99
30) Cyclohexane	4.584	56	176918	10.218	ug/L	99
31) Carbon tetrachloride	4.735	117	136780	10.361	ug/L	99
33) Benzene	5.011	78	410095	10.485	ug/L	100
34) Trichloroethene	5.834	95	109923	10.409	ug/L	99
35) Methylcyclohexane	6.050	83	172594	10.294	ug/L	98
37) 1,2-Dichloropropane	6.092	63	111417	10.730	ug/L	100
38) Bromodichloromethane	6.432	83	135560	10.610	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	169121	10.832	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	617366	110.367	ug/L	98
42) Toluene	7.317	91	434275	10.376	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	131509	10.824	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122823\
 Data File : VV033543.D
 Acq On : 28 Dec 2023 11:27
 Operator : SY/MD
 Sample : VSTD01025
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010225

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 02:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.770	97	67030	10.719	ug/L	96
47) Tetrachloroethene	7.905	164	77470	10.418	ug/L	97
48) 2-Hexanone	8.075	43	434668	106.967	ug/L	98
49) Dibromochloromethane	8.175	129	76765	10.486	ug/L	99
50) 1,2-Dibromoethane	8.284	107	61210	10.493	ug/L	100
51) Chlorobenzene	8.815	112	274643	10.476	ug/L	99
52) Ethylbenzene	8.947	91	506582	10.298	ug/L	99
53) m,p-Xylene	9.072	106	187919	10.326	ug/L	96
54) o-Xylene	9.477	106	184853	10.467	ug/L	99
55) Styrene	9.497	104	314599	10.622	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	73455	10.616	ug/L	99
59) Bromoform	9.667	173	42166	10.772	ug/L	97
60) Isopropylbenzene	9.866	105	512261	10.333	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	55904	10.907	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	431252	10.377	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	431536	10.491	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	222085	10.546	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	218005	10.147	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	195732	10.559	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	13709	11.420	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.583	180	172468	10.620	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	145241	10.668	ug/L	99
71) Naphthalene	13.442	128	207085	10.900	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	116956	10.893	ug/L	100

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

