

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033544.D
 Acq On : 28 Dec 2023 11:50
 Operator : SY/MD
 Sample : VSTD02026
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020226

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 02:41:58 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	5.538	114	126450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120667	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	164885	20.803	ug/L	0.00
7) Chloroethane-d5	1.532	69	138092	20.563	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	70936	20.219	ug/L	0.00
20) 2-Butanone-d5	3.793	46	429582	218.736	ug/L	-0.03
24) Chloroform-d	4.249	84	335913	20.895	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	159528	21.797	ug/L	0.00
32) Benzene-d6	4.960	84	639344	20.705	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	207107	21.349	ug/L	0.00
41) Toluene-d8	7.243	98	570378	20.876	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	83143	21.328	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	351693	226.513	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	132330	20.440	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	205820	20.128	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	240425	21.464	ug/L	99
3) Chloromethane	1.214	50	252818	21.001	ug/L	99
5) Vinyl chloride	1.281	62	249629	21.430	ug/L	98
6) Bromomethane	1.490	94	137828	21.035	ug/L	98
8) Chloroethane	1.548	64	148856	20.717	ug/L	99
9) Trichlorofluoromethane	1.712	101	303371	21.225	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	182295	21.109	ug/L	99
12) 1,1-Dichloroethene	2.069	96	169221	21.507	ug/L	97
13) Acetone	2.127	43	314741m	177.151	ug/L	
14) Carbon disulfide	2.240	76	522978	21.877	ug/L	97
15) Methyl Acetate	2.378	43	84779m	19.168	ug/L	
16) Methylene chloride	2.445	84	191156	19.558	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	472234	21.767	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	189026	21.597	ug/L	97
19) 1,1-Dichloroethane	3.111	63	408542	21.442	ug/L	99
21) 2-Butanone	3.873	43	496110	215.602	ug/L #	61
22) cis-1,2-Dichloroethene	3.815	96	217091	21.859	ug/L	99
23) Bromochloromethane	4.146	128	84000	21.926	ug/L	98
25) Chloroform	4.275	83	388583	21.769	ug/L	99
27) 1,2-Dichloroethane	5.040	62	231561	22.333	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	335330	20.714	ug/L	99
30) Cyclohexane	4.584	56	360101	20.739	ug/L	99
31) Carbon tetrachloride	4.735	117	281190	21.241	ug/L	98
33) Benzene	5.011	78	814986	20.778	ug/L	100
34) Trichloroethene	5.831	95	223102	21.067	ug/L	99
35) Methylcyclohexane	6.050	83	348621	20.735	ug/L	100
37) 1,2-Dichloropropane	6.092	63	225221	21.629	ug/L	100
38) Bromodichloromethane	6.432	83	273443	21.341	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	348835	22.279	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1230457	219.352	ug/L	98
42) Toluene	7.317	91	875078	20.850	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	274389	22.521	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	133239	21.248	ug/L	98
47) Tetrachloroethene	7.905	164	156672	21.010	ug/L	97
48) 2-Hexanone	8.075	43	867559	212.897	ug/L	98
49) Dibromochloromethane	8.178	129	157328	21.430	ug/L	99
50) 1,2-Dibromoethane	8.281	107	125112	21.388	ug/L	100
51) Chlorobenzene	8.815	112	553358	21.049	ug/L	99
52) Ethylbenzene	8.947	91	1023454	20.748	ug/L	100
53) m,p-Xylene	9.072	106	380866	20.870	ug/L	97
54) o-Xylene	9.477	106	371236	20.962	ug/L	99
55) Styrene	9.497	104	633972	21.346	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	147380	21.240	ug/L	99
59) Bromoform	9.667	173	88196	21.916	ug/L	97
60) Isopropylbenzene	9.866	105	1022439	20.060	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	110656	21.000	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	867689	20.308	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	867788	20.520	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	449602	20.766	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	443772	20.091	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	396535	20.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	28336	22.960	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	353305	21.160	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	297343	21.243	ug/L	99
71) Naphthalene	13.438	128	435991	22.320	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	239289	21.678	ug/L	99

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

