

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033861.D
 Acq On : 25 Jan 2024 10:21
 Operator : SY/MD
 Sample : VSTD01037
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010237

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 25 20:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	103591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	84795	13.555	ug/L	0.00
7) Chloroethane-d5	1.535	69	77258	13.914	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	41424	14.493	ug/L	0.00
20) 2-Butanone-d5	3.815	46	157621	110.907	ug/L	-0.01
24) Chloroform-d	4.249	84	160593	12.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	76336	12.881	ug/L	0.00
32) Benzene-d6	4.960	84	310951	12.908	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	88766	11.440	ug/L	0.00
41) Toluene-d8	7.243	98	282838	13.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	33855	12.349	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	127549	120.214	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	53510	11.691	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	95367	11.798	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	95029	10.055	ug/L	99
3) Chloromethane	1.217	50	99418	8.971	ug/L	97
5) Vinyl chloride	1.285	62	101216	9.486	ug/L	94
6) Bromomethane	1.490	94	52251	9.816	ug/L	99
8) Chloroethane	1.552	64	61272	9.409	ug/L	99
9) Trichlorofluoromethane	1.716	101	143357	10.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74955	10.179	ug/L	100
12) 1,1-Dichloroethene	2.072	96	72873	9.904	ug/L	98
13) Acetone	2.153	43	98134m	87.480	ug/L	
14) Carbon disulfide	2.243	76	235732	8.909	ug/L	99
15) Methyl Acetate	2.391	43	25621	9.872	ug/L	99
16) Methylene chloride	2.449	84	68785	8.199	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	157214	9.577	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	73447	9.039	ug/L	97
19) 1,1-Dichloroethane	3.114	63	139809	8.757	ug/L	98
21) 2-Butanone	3.899	43	145107	93.766	ug/L #	60
22) cis-1,2-Dichloroethene	3.818	96	78252	9.131	ug/L	99
23) Bromochloromethane	4.150	128	30821	9.829	ug/L	94
25) Chloroform	4.278	83	139335	9.383	ug/L	96
27) 1,2-Dichloroethane	5.043	62	83468	9.777	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	130505	9.928	ug/L	99
30) Cyclohexane	4.584	56	124825	8.209	ug/L	99
31) Carbon tetrachloride	4.738	117	114766	10.161	ug/L	100
33) Benzene	5.011	78	289782	9.004	ug/L	100
34) Trichloroethene	5.834	95	80111	9.260	ug/L	98
35) Methylcyclohexane	6.050	83	128137	8.837	ug/L	98
37) 1,2-Dichloropropane	6.095	63	71022	8.853	ug/L	100
38) Bromodichloromethane	6.432	83	92799	9.409	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	111923	9.725	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	356732	95.674	ug/L	99
42) Toluene	7.317	91	314770	9.229	ug/L	96
44) trans-1,3-Dichloropropene	7.580	75	88413	9.523	ug/L	98

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

45) 1,1,2-Trichloroethane	7.770	97	43837	9.706	ug/L	98
47) Tetrachloroethene	7.905	164	63261	10.014	ug/L	97
48) 2-Hexanone	8.079	43	247920	90.569	ug/L	99
49) Dibromochloromethane	8.178	129	53152	9.481	ug/L	100
50) 1,2-Dibromoethane	8.284	107	40448	9.690	ug/L #	96
51) Chlorobenzene	8.815	112	195485	9.277	ug/L	99
52) Ethylbenzene	8.947	91	360146	9.097	ug/L	99
53) m,p-Xylene	9.072	106	135342	9.247	ug/L	99
54) o-Xylene	9.477	106	131043	9.224	ug/L	98
55) Styrene	9.497	104	216152	9.486	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	47463	9.552	ug/L	97
59) Bromoform	9.667	173	28510	9.607	ug/L	98
60) Isopropylbenzene	9.866	105	362456	9.268	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	34795	8.930	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	305981	9.144	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	303054	9.029	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	158660	9.236	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	153595	9.091	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	137319	9.146	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	8116	9.482	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	126101	9.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	100019	9.005	ug/L	99
71) Naphthalene	13.439	128	134864	7.205	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	82043	9.081	ug/L	99

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

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[illegible]