

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033858.D
 Acq On : 25 Jan 2024 09:11
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5234

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 20:54:03 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	5.535	114	103802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	95645	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	3339	0.533	ug/L	0.00
7) Chloroethane-d5	1.535	69	2720	0.489	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	1759	0.614	ug/L	0.00
20) 2-Butanone-d5	3.928	46	3733m	2.621	ug/L	0.10
24) Chloroform-d	4.256	84	5410	0.414	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	2399	0.404	ug/L	0.00
32) Benzene-d6	4.969	84	11300	0.457	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	2972	0.373	ug/L	0.00
41) Toluene-d8	7.252	98	10068	0.452	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1130	0.402	ug/L	0.02
46) 2-Hexanone-d5	8.056	63	3300	3.030	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.156	84	1793	0.382	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	3467	0.469	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	4780	0.505	ug/L	98
3) Chloromethane	1.214	50	5875	0.529	ug/L	95
5) Vinyl chloride	1.281	62	4801	0.449	ug/L #	40
6) Bromomethane	1.490	94	2811	0.527	ug/L	93
8) Chloroethane	1.552	64	4013	0.615	ug/L	86
9) Trichlorofluoromethane	1.712	101	6983	0.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	3587	0.486	ug/L	95
12) 1,1-Dichloroethene	2.069	96	3600	0.488	ug/L	98
13) Acetone	2.150	43	5919m	5.266	ug/L	
14) Carbon disulfide	2.240	76	11657	0.440	ug/L	99
15) Methyl Acetate	2.394	43	1166m	0.448	ug/L	
16) Methylene chloride	2.449	84	3538	0.421	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	6253	0.380	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	3850	0.473	ug/L	85
19) 1,1-Dichloroethane	3.114	63	6222	0.389	ug/L	98
21) 2-Butanone	4.002	43	5429m	3.501	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	4905	0.571	ug/L	92
23) Bromochloromethane	4.159	128	1238	0.394	ug/L #	82
25) Chloroform	4.281	83	6577	0.442	ug/L	100
27) 1,2-Dichloroethane	5.063	62	3462m	0.405	ug/L	
29) 1,1,1-Trichloroethane	4.510	97	6063	0.449	ug/L	93
30) Cyclohexane	4.580	56	6014	0.385	ug/L	97
31) Carbon tetrachloride	4.738	117	5247	0.453	ug/L	99
33) Benzene	5.018	78	13772	0.417	ug/L	100
34) Trichloroethene	5.841	95	4476	0.504	ug/L	97
35) Methylcyclohexane	6.050	83	6583	0.442	ug/L	97
37) 1,2-Dichloropropane	6.098	63	3075	0.373	ug/L #	91
38) Bromodichloromethane	6.442	83	4234	0.418	ug/L	89
39) cis-1,3-Dichloropropene	6.969	75	4616	0.391	ug/L	99
40) 4-Methyl-2-pentanone	7.175	43	14046	3.670	ug/L	95
42) Toluene	7.323	91	14267	0.407	ug/L	96
44) trans-1,3-Dichloropropene	7.600	75	3369	0.353	ug/L	95

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

45) 1,1,2-Trichloroethane	7.780	97	1988	0.429	ug/L	97
47) Tetrachloroethene	7.908	164	3883	0.599	ug/L	95
48) 2-Hexanone	8.098	43	9350	3.327	ug/L	96
49) Dibromochloromethane	8.182	129	2213	0.385	ug/L	88
50) 1,2-Dibromoethane	8.294	107	1602	0.374	ug/L #	82
51) Chlorobenzene	8.818	112	9216	0.426	ug/L	94
52) Ethylbenzene	8.950	91	16700	0.411	ug/L	95
53) m,p-Xylene	9.079	106	6250	0.416	ug/L	94
54) o-Xylene	9.484	106	5934	0.407	ug/L	96
55) Styrene	9.503	104	9026	0.386	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.181	83	2025	0.397	ug/L #	97
59) Bromoform	9.673	173	1153	0.424	ug/L #	93
60) Isopropylbenzene	9.870	105	16505	0.461	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	1428	0.400	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.477	105	14115	0.461	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	13355	0.435	ug/L	97
64) 1,3-Dichlorobenzene	11.124	146	7308	0.465	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	7271	0.470	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	6090	0.443	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	226	0.288	ug/L #	49
69) 1,3,5-Trichlorobenzene	12.583	180	5317	0.433	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	3902	0.384	ug/L	98
71) Naphthalene	13.448	128	5132	0.300	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	3017	0.365	ug/L	99

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

