

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034406.D
 Acq On : 26 Feb 2024 12:51
 Operator : SY/MD
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:30:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	147123	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	9137	0.857	ug/L	0.00
7) Chloroethane-d5	1.535	69	7953	0.852	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	4020	0.780	ug/L	0.00
20) 2-Butanone-d5	3.863	46	20163m	10.318	ug/L	0.04
24) Chloroform-d	4.252	84	17398	0.887	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	8487	0.909	ug/L	0.00
32) Benzene-d6	4.969	84	30710	0.805	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	9791	0.908	ug/L	0.00
41) Toluene-d8	7.249	98	28548	0.819	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	3015	0.741	ug/L	0.01
46) 2-Hexanone-d5	8.037	63	16649	10.367	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	6861	0.999	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	10812	0.922	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	8355	0.663	ug/L	97
3) Chloromethane	1.217	50	10357	0.740	ug/L	95
5) Vinyl chloride	1.285	62	9902	0.741	ug/L	88
6) Bromomethane	1.490	94	5296	0.732	ug/L	89
8) Chloroethane	1.552	64	7663	0.828	ug/L	85
9) Trichlorofluoromethane	1.716	101	15586	0.794	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	8755	0.849	ug/L	97
12) 1,1-Dichloroethene	2.072	96	8841	0.883	ug/L	79
13) Acetone	2.143	43	21015m	13.430	ug/L	
14) Carbon disulfide	2.243	76	22005	0.702	ug/L	99
15) Methyl Acetate	2.394	43	2896	0.809	ug/L #	86
16) Methylene chloride	2.449	84	10073	1.021	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	20011	0.926	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	8721	0.853	ug/L	89
19) 1,1-Dichloroethane	3.114	63	16552	0.879	ug/L	96
21) 2-Butanone	3.934	43	20383m	9.953	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	9305	0.803	ug/L	97
23) Bromochloromethane	4.159	128	3584	0.859	ug/L	84
25) Chloroform	4.281	83	17221	0.898	ug/L	96
27) 1,2-Dichloroethane	5.053	62	9818	0.880	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	15527	0.867	ug/L	100
30) Cyclohexane	4.580	56	13572	0.798	ug/L	99
31) Carbon tetrachloride	4.738	117	13098	0.839	ug/L	96
33) Benzene	5.014	78	33351	0.835	ug/L	100
34) Trichloroethene	5.838	95	9068	0.788	ug/L	92
35) Methylcyclohexane	6.053	83	13850	0.777	ug/L	99
37) 1,2-Dichloropropane	6.098	63	8560	0.886	ug/L	99
38) Bromodichloromethane	6.439	83	11486	0.896	ug/L	92
39) cis-1,3-Dichloropropene	6.966	75	10342	0.708	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	46201	9.303	ug/L	97
42) Toluene	7.320	91	34479	0.807	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	7563	0.672	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	5559	0.895	ug/L	91
47) Tetrachloroethene	7.905	164	6990	0.749	ug/L	91
48) 2-Hexanone	8.085	43	34062m	9.723	ug/L	
49) Dibromochloromethane	8.181	129	6387	0.883	ug/L	98
50) 1,2-Dibromoethane	8.291	107	5121	0.921	ug/L #	93
51) Chlorobenzene	8.818	112	22907	0.844	ug/L	96
52) Ethylbenzene	8.950	91	39702	0.812	ug/L	97
53) m,p-Xylene	9.075	106	14374	0.779	ug/L	97
54) o-Xylene	9.480	106	14685	0.820	ug/L	86
55) Styrene	9.500	104	21655	0.755	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	6379	0.965	ug/L	92
59) Bromoform	9.670	173	2872	0.788	ug/L	98
60) Isopropylbenzene	9.870	105	36164	0.757	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	4286	0.900	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	30898	0.759	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	30651	0.772	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	17642	0.829	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	17969	0.851	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	16798	0.908	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	1194	1.158	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	13533	0.828	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	11173	0.849	ug/L	97
71) Naphthalene	13.445	128	17734	0.962	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	10496	0.984	ug/L	94

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

