

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030085.D
 Acq On : 23 Feb 2023 10:26
 Operator : SY/MD
 Sample : VSTD00123
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001223

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	185724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	177591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	10884	0.906	ug/L	0.00
7) Chloroethane-d5	1.539	69	10324	0.915	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	23036	0.932	ug/L	0.00
20) 2-Butanone-d5	3.841	46	19036m	8.734	ug/L	0.00
24) Chloroform-d	4.265	84	23002	0.937	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	9514	0.949	ug/L	0.00
32) Benzene-d6	4.976	84	42176	0.883	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	12658	0.880	ug/L	0.00
41) Toluene-d8	7.252	98	39420	0.870	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	4461	0.907	ug/L	0.00
46) 2-Hexanone-d5	8.040	63	15538m	7.696	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	9261	0.906	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	14931	0.919	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14826	0.981	ug/L	97
3) Chloromethane	1.217	50	25646	1.077	ug/L	99
5) Vinyl chloride	1.285	62	15555	0.983	ug/L	99
6) Bromomethane	1.494	94	2924	1.029	ug/L	98
8) Chloroethane	1.555	64	10012	1.038	ug/L	100
9) Trichlorofluoromethane	1.719	101	22013	0.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	13712	0.974	ug/L	99
12) 1,1-Dichloroethene	2.076	96	12515	1.004	ug/L	95
13) Acetone	2.153	43	16146m	9.930	ug/L	
14) Carbon disulfide	2.249	76	33125	0.993	ug/L	100
15) Methyl Acetate	2.394	43	3611	0.941	ug/L #	89
16) Methylene chloride	2.458	84	18145	1.192	ug/L	96
17) Methyl tert-butyl Ether	2.716	73	23906	0.981	ug/L	99
18) trans-1,2-Dichloroethene	2.706	96	11296	0.953	ug/L	96
19) 1,1-Dichloroethane	3.124	63	21789	0.986	ug/L	97
21) 2-Butanone	3.918	43	21618m	9.816	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	12821	0.978	ug/L	99
23) Bromochloromethane	4.166	128	5478	0.978	ug/L	91
25) Chloroform	4.288	83	22654	0.986	ug/L	96
27) 1,2-Dichloroethane	5.056	62	11684	0.972	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	19977	0.958	ug/L	96
30) Cyclohexane	4.596	56	16172	0.897	ug/L	99
31) Carbon tetrachloride	4.744	117	18120	0.966	ug/L	99
33) Benzene	5.024	78	46610	0.961	ug/L	100
34) Trichloroethene	5.844	95	12876	0.947	ug/L	99
35) Methylcyclohexane	6.059	83	18359	0.893	ug/L	99
37) 1,2-Dichloropropane	6.108	63	11755	0.953	ug/L	100
38) Bromodichloromethane	6.445	83	15136	0.961	ug/L	99
39) cis-1,3-Dichloropropene	6.966	75	16549	0.916	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	44663	8.772	ug/L	97
42) Toluene	7.326	91	48814	0.929	ug/L	95
44) trans-1,3-Dichloropropene	7.593	75	12422	0.881	ug/L	98

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

45) 1,1,2-Trichloroethane	7.780	97	8674	0.982	ug/L	95
47) Tetrachloroethene	7.915	164	11110	0.952	ug/L	99
48) 2-Hexanone	8.088	43	32232m	8.987	ug/L	
49) Dibromochloromethane	8.185	129	9297	0.900	ug/L	100
50) 1,2-Dibromoethane	8.294	107	8099	0.983	ug/L	99
51) Chlorobenzene	8.825	112	34046	0.961	ug/L	98
52) Ethylbenzene	8.956	91	51378	0.899	ug/L	99
53) m,p-Xylene	9.082	106	19752	0.899	ug/L	91
54) o-Xylene	9.487	106	18467	0.880	ug/L	97
55) Styrene	9.506	104	30051	0.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	9574	0.969	ug/L	92
59) Bromoform	9.677	173	5815	1.010	ug/L #	93
60) Isopropylbenzene	9.876	105	51231	0.927	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	6474	1.007	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	39806	0.877	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	40252	0.867	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	27984	0.972	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	28662	0.987	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	24537	0.966	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.378	75	1472	1.025	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.593	180	23339	0.986	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	18075	0.943	ug/L	97
71) Naphthalene	13.451	128	21846	0.872	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	14130	0.896	ug/L	95

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

