

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023879.D
 Acq On : 10 Dec 2021 11:44
 Operator : SY/MD
 Sample : VSTD00160
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001260

Quant Time: Dec 11 04:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	5575	0.660	ug/L	0.00
7) Chloroethane-d5	1.568	69	4892	0.729	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	10769	0.725	ug/L	0.00
20) 2-Butanone-d5	3.957	46	9963m	9.584	ug/L	0.05
24) Chloroform-d	4.355	84	12217	0.803	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	5957	0.839	ug/L	0.00
32) Benzene-d6	5.053	84	20889	0.712	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	6297	0.757	ug/L	0.00
41) Toluene-d8	7.320	98	17692	0.654	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2297	0.684	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	10202	8.677	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	5057	0.825	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7978	0.734	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	8536	0.860	ug/L	95
3) Chloromethane	1.240	50	7364	0.854	ug/L	96
5) Vinyl chloride	1.310	62	8063	0.891	ug/L	96
6) Bromomethane	1.523	94	5046	0.955	ug/L	98
8) Chloroethane	1.584	64	5476	0.941	ug/L	89
9) Trichlorofluoromethane	1.754	101	13918	0.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	7419	0.979	ug/L	95
12) 1,1-Dichloroethene	2.121	96	6719	0.949	ug/L	92
13) Acetone	2.214	43	8455m	9.605	ug/L	
14) Carbon disulfide	2.294	76	18805	0.812	ug/L	98
15) Methyl Acetate	2.455	43	1549	0.749	ug/L #	89
16) Methylene chloride	2.507	84	8887	0.875	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	14648	0.987	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	7319	0.908	ug/L	98
19) 1,1-Dichloroethane	3.195	63	13165	0.959	ug/L	97
21) 2-Butanone	4.027	43	9540m	8.398	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	7360	0.932	ug/L	92
23) Bromochloromethane	4.262	128	3439	0.933	ug/L	89
25) Chloroform	4.378	83	14387	0.941	ug/L	99
27) 1,2-Dichloroethane	5.140	62	7833	0.969	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	12704	0.883	ug/L	96
30) Cyclohexane	4.680	56	9772	0.826	ug/L	99
31) Carbon tetrachloride	4.828	117	12592	0.958	ug/L	94
33) Benzene	5.101	78	27342	0.873	ug/L	100
34) Trichloroethene	5.921	95	7683	0.908	ug/L	96
35) Methylcyclohexane	6.130	83	10957	0.842	ug/L	98
37) 1,2-Dichloropropane	6.178	63	6510	0.877	ug/L	97
38) Bromodichloromethane	6.516	83	9028	0.888	ug/L	90
39) cis-1,3-Dichloropropene	7.037	75	9367	0.878	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	27943	7.814	ug/L	96
42) Toluene	7.391	91	30768	0.908	ug/L	92
44) trans-1,3-Dichloropropene	7.661	75	7885	0.878	ug/L	99

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

45) 1,1,2-Trichloroethane	7.841	97	4766	0.914	ug/L	91
47) Tetrachloroethene	7.976	164	6761	0.882	ug/L	95
48) 2-Hexanone	8.149	43	18797	7.121	ug/L #	86
49) Dibromochloromethane	8.246	129	6490	0.909	ug/L	99
50) 1,2-Dibromoethane	8.355	107	4504	0.897	ug/L #	95
51) Chlorobenzene	8.883	112	21476	0.949	ug/L	93
52) Ethylbenzene	9.014	91	30628	0.856	ug/L	100
53) m,p-xylene	9.140	106	11194	0.794	ug/L	95
54) o-xylene	9.545	106	11507	0.850	ug/L	91
55) Styrene	9.564	104	18134	0.800	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	5170	0.899	ug/L #	95
59) Bromoform	9.735	173	3573	0.866	ug/L #	97
60) Isopropylbenzene	9.931	105	30191	0.817	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4180	0.950	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	24415	0.793	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	23942	0.789	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	15954	0.840	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	15966	0.837	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	15059	0.867	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	886	1.001	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.644	180	13139	0.883	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9810	0.846	ug/L	94
71) Naphthalene	13.506	128	13834	0.878	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	8668	0.860	ug/L	99

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

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[illegible]