

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023878.D
 Acq On : 10 Dec 2021 11:20
 Operator : SY/MD
 Sample : VSTD0.559
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5259

Quant Time: Dec 11 03:26:38 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	5.613	114	108052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	2865	0.337	ug/L	0.00
7) Chloroethane-d5	1.564	69	2262	0.335	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	5498	0.367	ug/L	0.00
20) 2-Butanone-d5	3.970	46	3255m	3.109	ug/L	0.07
24) Chloroform-d	4.352	84	6388	0.417	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	2798	0.391	ug/L	0.00
32) Benzene-d6	5.056	84	9262	0.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	2909	0.356	ug/L	0.00
41) Toluene-d8	7.317	98	8370	0.315	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1181	0.358	ug/L	0.01
46) 2-Hexanone-d5	8.101	63	4289	3.713	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	2612	0.434	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	3981	0.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	4868	0.487	ug/L	97
3) Chloromethane	1.237	50	4317	0.497	ug/L	97
5) Vinyl chloride	1.307	62	4431	0.486	ug/L	99
6) Bromomethane	1.519	94	2843	0.534	ug/L	97
8) Chloroethane	1.584	64	3030	0.517	ug/L	99
9) Trichlorofluoromethane	1.751	101	7554	0.501	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4075	0.534	ug/L	95
12) 1,1-Dichloroethene	2.114	96	3747	0.526	ug/L	94
13) Acetone	2.214	43	3340m	3.768	ug/L	
14) Carbon disulfide	2.291	76	11049	0.474	ug/L	99
15) Methyl Acetate	2.468	43	1080m	0.519	ug/L	
16) Methylene chloride	2.503	84	6649	0.650	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	7422	0.496	ug/L #	83
18) trans-1,2-Dichloroethene	2.761	96	3852	0.474	ug/L	94
19) 1,1-Dichloroethane	3.188	63	7098	0.514	ug/L	96
21) 2-Butanone	4.047	43	4461m	3.899	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	3978	0.500	ug/L	85
23) Bromochloromethane	4.249	128	1806	0.486	ug/L	94
25) Chloroform	4.378	83	8327	0.541	ug/L	94
27) 1,2-Dichloroethane	5.137	62	4136	0.508	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	6801	0.481	ug/L	94
30) Cyclohexane	4.674	56	5290	0.455	ug/L	98
31) Carbon tetrachloride	4.825	117	6781	0.525	ug/L	99
33) Benzene	5.098	78	14290	0.465	ug/L	100
34) Trichloroethene	5.915	95	4565	0.549	ug/L	94
35) Methylcyclohexane	6.124	83	5748	0.450	ug/L	97
37) 1,2-Dichloropropane	6.172	63	3646	0.500	ug/L #	90
38) Bromodichloromethane	6.513	83	5050	0.506	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	4817	0.459	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	12879	3.666	ug/L	99
42) Toluene	7.391	91	15701	0.472	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	4405	0.499	ug/L	96

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

45) 1,1,2-Trichloroethane	7.841	97	2510	0.490	ug/L	96
47) Tetrachloroethene	7.979	164	3729	0.495	ug/L	89
48) 2-Hexanone	8.149	43	8961	3.456	ug/L	92
49) Dibromochloromethane	8.243	129	3400	0.485	ug/L	92
50) 1,2-Dibromoethane	8.362	107	2272	0.461	ug/L #	99
51) Chlorobenzene	8.883	112	11007	0.495	ug/L	92
52) Ethylbenzene	9.014	91	16005	0.456	ug/L	100
53) m,p-xylene	9.140	106	6592	0.476	ug/L	90
54) o-xylene	9.542	106	6123	0.460	ug/L	89
55) Styrene	9.564	104	9563	0.430	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	2974	0.527	ug/L #	79
59) Bromoform	9.735	173	1903	0.477	ug/L #	89
60) Isopropylbenzene	9.931	105	16815	0.470	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	2073	0.487	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.538	105	12762	0.428	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	12849	0.438	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	9139	0.497	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	9639	0.523	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	8515	0.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.432	75	409	0.478	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.648	180	7838	0.544	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	6064	0.540	ug/L	99
71) Naphthalene	13.506	128	8344	0.548	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	5311	0.545	ug/L	97

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

