

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055335.D
 Acq On : 15 Sep 2023 12:51
 Operator : MD/SY
 Sample : VSTD0.555
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5055

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

Quant Time: Sep 16 00:15:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	204269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	96372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	5126	0.469	ug/L	0.00
7) Chloroethane-d5	1.911	69	5571	0.617	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	65	1702	0.365	ug/L	0.00
20) 2-Butanone-d5	4.650	46	11793	5.478	ug/L	0.02
24) Chloroform-d	5.062	84	10601	0.497	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.708	65	5186	0.518	ug/L	0.00
32) Benzene-d6	5.730	84	16778	0.390	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.695	67	5897	0.458	ug/L	0.00
41) Toluene-d8	7.897	98	14690	0.368	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	1877	0.377	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	6315	4.031	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	5057	0.521	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.196	152	5323	0.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9566	0.621	ug/L	97
3) Chloromethane	1.518	50	8593	0.591	ug/L #	83
5) Vinyl chloride	1.602	62	9867	0.644	ug/L	99
6) Bromomethane	1.853	94	7415	0.743	ug/L	100
8) Chloroethane	1.930	64	8393	0.806	ug/L	100
9) Trichlorofluoromethane	2.136	101	15285	0.625	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	8507	0.629	ug/L	95
12) 1,1-Dichloroethene	2.583	96	7162	0.592	ug/L #	76
14) Carbon disulfide	2.792	76	22013	0.680	ug/L	98
15) Methyl Acetate	2.965	43	2414m	0.539	ug/L	
16) Methylene chloride	3.046	84	14257	0.878	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	15908	0.528	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	7581	0.604	ug/L	93
19) 1,1-Dichloroethane	3.865	63	15239	0.608	ug/L	98
21) 2-Butanone	4.724	43	15903	4.795	ug/L #	65
22) cis-1,2-Dichloroethene	4.663	96	9579	0.655	ug/L	92
23) Bromochloromethane	4.978	128	3434	0.546	ug/L #	84
25) Chloroform	5.084	83	16674	0.614	ug/L	93
27) 1,2-Dichloroethane	5.795	62	10202	0.646	ug/L #	90
29) 1,1,1-Trichloroethane	5.316	97	12743	0.498	ug/L	98
30) Cyclohexane	5.389	56	12152	0.563	ug/L	94
31) Carbon tetrachloride	5.521	117	10769	0.491	ug/L	98
33) Benzene	5.775	78	32819	0.552	ug/L	100
34) Trichloroethene	6.544	95	10457	0.648	ug/L	89
35) Methylcyclohexane	6.762	83	13392	0.562	ug/L	97
37) 1,2-Dichloropropane	6.788	63	8612	0.551	ug/L #	91
38) Bromodichloromethane	7.106	83	10732	0.551	ug/L	95
39) cis-1,3-Dichloropropene	7.608	75	11135	0.490	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	40236	5.177	ug/L	99
42) Toluene	7.968	91	34350	0.540	ug/L	95
44) trans-1,3-Dichloropropene	8.216	75	8730	0.474	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	6119	0.554	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.553	164	6525	0.515	ug/L	98
48) 2-Hexanone	8.688	43	30131	5.079	ug/L #	94
49) Dibromochloromethane	8.807	129	5872	0.481	ug/L	99
50) 1,2-Dibromoethane	8.926	107	5321	0.517	ug/L #	87
51) Chlorobenzene	9.447	112	24193	0.570	ug/L	98
52) Ethylbenzene	9.569	91	36619	0.518	ug/L	95
53) m,p-Xylene	9.695	106	13417	0.500	ug/L	90
54) o-Xylene	10.100	106	12404	0.471	ug/L	91
55) Styrene	10.116	104	20597	0.478	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.785	83	6637	0.509	ug/L	99
59) Bromoform	10.293	173	2705	0.449	ug/L #	98
60) Isopropylbenzene	10.486	105	35447	0.583	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	5369	0.672	ug/L	93
62) 1,3,5-Trimethylbenzene	11.087	105	26395	0.541	ug/L	93
63) 1,2,4-Trimethylbenzene	11.470	105	26138	0.535	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	17829	0.600	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	16809	0.568	ug/L	95
67) 1,2-Dichlorobenzene	12.216	146	15252	0.561	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.000	75	842	0.519	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.222	180	11751	0.545	ug/L	97
70) 1,2,4-trichlorobenzene	13.842	180	9045	0.517	ug/L	97
71) Naphthalene	14.093	128	13961	0.555	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	8121	0.552	ug/L	96

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

