

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053386.D
 Acq On : 24 Mar 2023 12:11
 Operator : JC/MD
 Sample : VSTD0.513
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5013

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

Quant Time: Mar 24 22:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 22:43:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	146618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	4370	0.558	ug/L	0.00
7) Chloroethane-d5	1.916	69	3842	0.528	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	1673	0.468	ug/L	0.00
20) 2-Butanone-d5	4.642	46	8757m	3.943	ug/L	0.00
24) Chloroform-d	5.063	84	6937	0.407	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	3842	0.442	ug/L	0.00
32) Benzene-d6	5.726	84	15175	0.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	4256	0.386	ug/L	0.00
41) Toluene-d8	7.896	98	14639	0.490	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	1670	0.380	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	5974	3.105	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	3639	0.389	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	4868	0.475	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4375	0.406	ug/L	100
3) Chloromethane	1.517	50	5074	0.458	ug/L	92
5) Vinyl chloride	1.604	62	5143	0.423	ug/L	90
6) Bromomethane	1.858	94	3500	0.462	ug/L	81
8) Chloroethane	1.935	64	3060	0.421	ug/L	93
9) Trichlorofluoromethane	2.141	101	7637	0.442	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3625	0.387	ug/L	96
12) 1,1-Dichloroethene	2.578	96	3507	0.407	ug/L	93
14) Carbon disulfide	2.793	76	9899	0.386	ug/L #	89
15) Methyl Acetate	2.964	43	1447m	0.402	ug/L	
16) Methylene chloride	3.044	84	6354	0.635	ug/L	87
17) Methyl tert-butyl Ether	3.359	73	8418	0.368	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	3823	0.418	ug/L #	75
19) 1,1-Dichloroethane	3.870	63	6794	0.399	ug/L	97
21) 2-Butanone	4.732	43	9462m	4.233	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	7195	0.697	ug/L	92
23) Bromochloromethane	4.973	128	1791	0.442	ug/L #	90
27) 1,2-Dichloroethane	5.793	62	4228	0.388	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	5257	0.339	ug/L	96
30) Cyclohexane	5.388	56	5772	0.368	ug/L	95
31) Carbon tetrachloride	5.520	117	4538	0.352	ug/L	93
33) Benzene	5.774	78	15877	0.419	ug/L	100
34) Trichloroethene	6.546	95	4271	0.401	ug/L	93
35) Methylcyclohexane	6.758	83	6738	0.386	ug/L	96
37) 1,2-Dichloropropane	6.790	63	4262	0.414	ug/L #	89
38) Bromodichloromethane	7.102	83	3900	0.298	ug/L #	96
39) cis-1,3-Dichloropropene	7.607	75	6029	0.373	ug/L	90
40) 4-Methyl-2-pentanone	7.790	43	19005	3.570	ug/L	99
42) Toluene	7.967	91	17253	0.417	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	4634	0.346	ug/L	92
45) 1,1,2-Trichloroethane	8.394	97	2843	0.381	ug/L	90
47) Tetrachloroethene	8.552	164	3233	0.459	ug/L	81

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48) 2-Hexanone	8.687	43	13925	3.546	ug/L	99
49) Dibromochloromethane	8.806	129	2212	0.278	ug/L	80
50) 1,2-Dibromoethane	8.922	107	2719	0.395	ug/L #	78
51) Chlorobenzene	9.443	112	10833	0.418	ug/L	98
52) Ethylbenzene	9.568	91	17797	0.382	ug/L	95
53) m,p-Xylene	9.690	106	6466	0.369	ug/L	99
54) o-Xylene	10.095	106	5836	0.345	ug/L	99
55) Styrene	10.115	104	9791	0.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	3369	0.359	ug/L #	85
59) Bromoform	10.288	173	1492	0.343	ug/L #	76
60) Isopropylbenzene	10.481	105	15972	0.355	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	2228	0.370	ug/L #	87
62) 1,3,5-Trimethylbenzene	11.082	105	12500	0.330	ug/L	96
63) 1,2,4-Trimethylbenzene	11.462	105	13203	0.348	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	7000	0.378	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	7640	0.411	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	7046	0.408	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.995	75	436	0.322	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.221	180	5408	0.414	ug/L	90
70) 1,2,4-trichlorobenzene	13.841	180	3842	0.356	ug/L #	93

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

