

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053840.D
 Acq On : 24 Apr 2023 13:27
 Operator : JC/MD
 Sample : VSTD0.524
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5024

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 04:24:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:21:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	140301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	3932	0.424	ug/L	0.00
7) Chloroethane-d5	1.916	69	3348	0.405	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	1600	0.412	ug/L	0.00
20) 2-Butanone-d5	4.652	46	6464	3.181	ug/L	0.02
24) Chloroform-d	5.067	84	6833	0.399	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	3322	0.384	ug/L	0.00
32) Benzene-d6	5.723	84	13849	0.395	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	4174	0.394	ug/L	0.00
41) Toluene-d8	7.896	98	13398	0.408	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	1712	0.420	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	5199	3.243	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	3914	0.453	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	6902	0.607	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4569	0.449	ug/L	98
3) Chloromethane	1.520	50	4829	0.475	ug/L	100
5) Vinyl chloride	1.604	62	4853	0.420	ug/L #	74
6) Bromomethane	1.861	94	3538	0.480	ug/L	97
8) Chloroethane	1.935	64	3415	0.509	ug/L	82
9) Trichlorofluoromethane	2.138	101	7615	0.444	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	4578	0.512	ug/L	91
12) 1,1-Dichloroethene	2.581	96	4220	0.521	ug/L	84
13) Acetone	2.655	43	6379	4.965	ug/L	84
14) Carbon disulfide	2.793	76	10704	0.454	ug/L #	92
15) Methyl Acetate	2.957	43	1212m	0.404	ug/L	
16) Methylene chloride	3.044	84	5121	0.476	ug/L	94
17) Methyl tert-butyl Ether	3.363	73	7748	0.402	ug/L #	89
18) trans-1,2-Dichloroethene	3.356	96	3947	0.471	ug/L	94
19) 1,1-Dichloroethane	3.871	63	6854	0.444	ug/L	98
21) 2-Butanone	4.732	43	6938	3.482	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	4651	0.415	ug/L	81
23) Bromochloromethane	4.973	128	1901	0.465	ug/L	93
25) Chloroform	5.086	83	7694	0.479	ug/L	93
27) 1,2-Dichloroethane	5.793	62	4379	0.444	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	6499	0.496	ug/L #	85
30) Cyclohexane	5.385	56	5811	0.429	ug/L	95
31) Carbon tetrachloride	5.523	117	5122	0.452	ug/L	92
33) Benzene	5.774	78	16544	0.468	ug/L	100
34) Trichloroethene	6.539	95	4251	0.450	ug/L	78
35) Methylcyclohexane	6.758	83	6297	0.398	ug/L	92
37) 1,2-Dichloropropane	6.790	63	3798	0.413	ug/L #	96
38) Bromodichloromethane	7.102	83	4776	0.459	ug/L #	91
39) cis-1,3-Dichloropropene	7.610	75	5930	0.439	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	18229	4.155	ug/L	97
42) Toluene	7.967	91	16729	0.435	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	4826	0.439	ug/L	92

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

45) 1,1,2-Trichloroethane	8.401	97	2733	0.414	ug/L	93
47) Tetrachloroethene	8.549	164	3662	0.518	ug/L	90
48) 2-Hexanone	8.684	43	16235	5.036	ug/L	95
49) Dibromochloromethane	8.803	129	2874	0.435	ug/L	98
50) 1,2-Dibromoethane	8.919	107	2497	0.396	ug/L #	86
51) Chlorobenzene	9.443	112	12730	0.524	ug/L	92
52) Ethylbenzene	9.568	91	19110	0.458	ug/L	98
53) m,p-Xylene	9.694	106	6677	0.420	ug/L	98
54) o-Xylene	10.095	106	6435	0.425	ug/L	99
55) Styrene	10.115	104	10327	0.415	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	3854	0.474	ug/L #	88
59) Bromoform	10.288	173	1674	0.471	ug/L #	87
60) Isopropylbenzene	10.481	105	17381	0.424	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	2435	0.445	ug/L	94
62) 1,3,5-Trimethylbenzene	11.086	105	14070	0.426	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	14451	0.428	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	10242	0.557	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	11085	0.602	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	9526	0.552	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.999	75	478	0.444	ug/L #	57
69) 1,3,5-Trichlorobenzene	13.214	180	7732	0.600	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	8755	0.857	ug/L	92
71) Naphthalene	14.086	128	18107	0.962	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	8360	0.937	ug/L	99

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

