

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047329.D
 Acq On : 04 Mar 2022 14:15
 Operator : SY/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020011

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 14:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	304273	23.332	ug/L	0.00
7) Chloroethane-d5	1.919	69	253506	23.367	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	132948	24.757	ug/L	0.00
20) 2-Butanone-d5	4.645	46	1020773	261.508	ug/L	0.00
24) Chloroform-d	5.067	84	568840	23.520	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	310434	22.822	ug/L	0.00
32) Benzene-d6	5.732	84	1169780	23.426	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	359314	22.840	ug/L	0.00
41) Toluene-d8	7.899	98	1115232	23.885	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	168607	24.813	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	966949	252.055	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	388264	24.657	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	489291	22.719	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	259211	22.393	ug/L	100
3) Chloromethane	1.523	50	252586	18.016	ug/L	100
5) Vinyl chloride	1.607	62	255650	19.730	ug/L	98
6) Bromomethane	1.864	94	134561	18.824	ug/L	99
8) Chloroethane	1.938	64	144722	19.245	ug/L	99
9) Trichlorofluoromethane	2.144	101	335025	21.811	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	204601	23.148	ug/L	92
12) 1,1-Dichloroethene	2.584	96	195639	20.803	ug/L	91
13) Acetone	2.665	43	331039m	306.903	ug/L	
14) Carbon disulfide	2.800	76	616939	20.144	ug/L	99
15) Methyl Acetate	2.964	43	72042	18.355	ug/L #	90
16) Methylene chloride	3.051	84	206720	18.008	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	491751	18.745	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	204306	19.568	ug/L	93
19) 1,1-Dichloroethane	3.877	63	341802	19.739	ug/L	99
21) 2-Butanone	4.726	43	673890m	226.285	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	225611	19.846	ug/L	96
23) Bromochloromethane	4.980	128	113195	20.147	ug/L #	85
25) Chloroform	5.092	83	368254	19.112	ug/L	98
27) 1,2-Dichloroethane	5.796	62	255665	20.001	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	320219	20.648	ug/L	98
30) Cyclohexane	5.395	56	327776	22.183	ug/L	96
31) Carbon tetrachloride	5.530	117	285127	21.467	ug/L	99
33) Benzene	5.777	78	829082	19.295	ug/L	100
34) Trichloroethene	6.546	95	223971	20.109	ug/L	92
35) Methylcyclohexane	6.767	83	378489	23.660	ug/L	94
37) 1,2-Dichloropropane	6.793	63	209491	19.600	ug/L	100
38) Bromodichloromethane	7.108	83	276134	19.798	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	345044	20.703	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1603019	200.871	ug/L	97
42) Toluene	7.970	91	920197	19.736	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	314262	21.593	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	178832	19.447	ug/L	98
47) Tetrachloroethene	8.555	164	194147	20.731	ug/L	92
48) 2-Hexanone	8.690	43	1202784	203.943	ug/L	98
49) Dibromochloromethane	8.812	129	222166	21.153	ug/L	98
50) 1,2-Dibromoethane	8.925	107	186678	20.116	ug/L #	98
51) Chlorobenzene	9.449	112	613032	19.501	ug/L	95
52) Ethylbenzene	9.571	91	1017097	20.883	ug/L	99
53) m,p-Xylene	9.693	106	400053	20.530	ug/L	100
54) o-Xylene	10.102	106	394090	21.041	ug/L	99
55) Styrene	10.115	104	682866	21.794	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	258005	20.698	ug/L	96
59) Bromoform	10.291	173	152937	19.319	ug/L #	96
60) Isopropylbenzene	10.484	105	1038495	18.524	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	181003	18.345	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	708225	19.099	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	930926	19.376	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	546793	19.056	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	553292	18.855	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	529627	18.633	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	43834	19.189	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.217	180	463522	19.034	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	417334	19.144	ug/L	98
71) Naphthalene	14.086	128	844186	19.393	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	388296	18.939	ug/L	97

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

