

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047404.D
 Acq On : 09 Mar 2022 14:25
 Operator : SY/MD
 Sample : VSTD01016
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010016

Quant Time: Mar 10 00:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	179630	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	168657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93936	4.661	ug/L	0.00
7) Chloroethane-d5	1.919	69	69388	4.475	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	41198	5.671	ug/L	0.00
20) 2-Butanone-d5	4.645	46	171848	43.356	ug/L	0.00
24) Chloroform-d	5.070	84	151512	4.726	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	73675	4.516	ug/L	0.00
32) Benzene-d6	5.729	84	317012	6.005	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	92487	5.604	ug/L	0.00
41) Toluene-d8	7.899	98	308657	6.576	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	40446	6.429	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	180225	61.806	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	81671	5.843	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	122358	6.649	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	138231	8.833	ug/L	99
3) Chloromethane	1.527	50	131342	7.008	ug/L	98
5) Vinyl chloride	1.607	62	133850	7.126	ug/L	98
6) Bromomethane	1.864	94	74504	7.138	ug/L	99
8) Chloroethane	1.938	64	79225	7.107	ug/L	100
9) Trichlorofluoromethane	2.144	101	178267	7.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	110588	7.824	ug/L	99
12) 1,1-Dichloroethene	2.584	96	104788	8.303	ug/L	92
13) Acetone	2.658	43	155918	65.078	ug/L	96
14) Carbon disulfide	2.800	76	321263	8.065	ug/L	100
15) Methyl Acetate	2.961	43	42253	8.010	ug/L	94
16) Methylene chloride	3.051	84	116404	7.278	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	272215	9.441	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	112618	8.399	ug/L	98
19) 1,1-Dichloroethane	3.877	63	190413	7.820	ug/L	100
21) 2-Butanone	4.723	43	291580	81.854	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	123585	8.803	ug/L	98
23) Bromochloromethane	4.980	128	61282	8.962	ug/L	98
25) Chloroform	5.092	83	204146	7.337	ug/L	99
27) 1,2-Dichloroethane	5.796	62	132057	8.232	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	178411	9.421	ug/L	99
30) Cyclohexane	5.391	56	175278	11.129	ug/L	98
31) Carbon tetrachloride	5.530	117	157161	9.588	ug/L	98
33) Benzene	5.777	78	468769	10.041	ug/L	100
34) Trichloroethene	6.546	95	126702	10.542	ug/L	96
35) Methylcyclohexane	6.767	83	202269	11.899	ug/L	98
37) 1,2-Dichloropropane	6.793	63	116102	9.493	ug/L	100
38) Bromodichloromethane	7.108	83	153053	9.539	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	180012	10.919	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	794685	116.722	ug/L	99
42) Toluene	7.970	91	508983	10.606	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	163276	11.186	ug/L	96

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45) 1,1,2-Trichloroethane	8.401	97	95451	10.320	ug/L	97
47) Tetrachloroethene	8.555	164	107556	11.389	ug/L	97
48) 2-Hexanone	8.687	43	579089	113.288	ug/L	98
49) Dibromochloromethane	8.812	129	119705	10.905	ug/L	99
50) 1,2-Dibromoethane	8.925	107	98421	11.239	ug/L	100
51) Chlorobenzene	9.449	112	337572	10.542	ug/L	99
52) Ethylbenzene	9.571	91	554962	11.190	ug/L	100
53) m,p-Xylene	9.693	106	221133	11.502	ug/L	100
54) o-Xylene	10.102	106	215596	12.035	ug/L	99
55) Styrene	10.115	104	369404	11.788	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	131332	10.854	ug/L	98
59) Bromoform	10.291	173	78692	11.960	ug/L	99
60) Isopropylbenzene	10.484	105	565636	11.373	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	92423	10.045	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	377579	10.069	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	496965	12.418	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	296139	11.110	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	298850	10.955	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	286077	11.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	20778	10.511	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	249443	12.093	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	224707	13.031	ug/L	100
71) Naphthalene	14.086	128	408436	13.584	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	204319	12.638	ug/L	99

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

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