

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053819.D
 Acq On : 20 Apr 2023 20:24
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Apr 21 05:09:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	73291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44465	4.565	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.916	69	35893	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.565	65	17970	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.636	46	79081	35.441	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.880%
24) Chloroform-d	5.060	84	80650	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.700	65	37944	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.723	84	163444	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.687	67	49691	4.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.893	98	154128	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.176	79	18098	4.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.629	63	66801	36.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.920%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36933	3.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	54810	4.157	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48793	4.802	ug/L	99
3) Chloromethane	1.520	50	48241	4.720	ug/L	96
5) Vinyl chloride	1.604	62	56204	4.877	ug/L	97
6) Bromomethane	1.858	94	35839	4.910	ug/L	98
8) Chloroethane	1.935	64	34522	5.153	ug/L	99
9) Trichlorofluoromethane	2.138	101	81106	4.660	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	46860	5.312	ug/L	97
12) 1,1-Dichloroethene	2.578	96	41284	5.150	ug/L	93
13) Acetone	2.649	43	51755	39.084	ug/L #	48
14) Carbon disulfide	2.794	76	104856	4.457	ug/L	99
15) Methyl Acetate	2.958	43	12739	4.101	ug/L	99
16) Methylene chloride	3.044	84	58394	5.547	ug/L	96
17) Methyl tert-butyl Ether	3.360	73	87540	4.505	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	39982	4.802	ug/L	94
19) 1,1-Dichloroethane	3.868	63	76906	5.014	ug/L	97
21) 2-Butanone	4.713	43	84534	41.113	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	46763	4.168	ug/L	97
23) Bromochloromethane	4.970	128	20965	5.280	ug/L	90
25) Chloroform	5.083	83	82849	5.251	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	49489	5.007	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	70859	5.345	ug/L	97
30) Cyclohexane	5.385	56	62486	4.424	ug/L	99
31) Carbon tetrachloride	5.520	117	61256	5.461	ug/L	97
33) Benzene	5.771	78	177139	4.924	ug/L	100
34) Trichloroethene	6.539	95	48593	5.072	ug/L	95
35) Methylcyclohexane	6.758	83	72131	4.388	ug/L	97
37) 1,2-Dichloropropane	6.787	63	45249	4.763	ug/L	99
38) Bromodichloromethane	7.102	83	52052	4.934	ug/L #	97
39) cis-1,3-Dichloropropene	7.604	75	62963	4.486	ug/L	94
40) 4-Methyl-2-pentanone	7.787	43	193062	41.532	ug/L	97
42) Toluene	7.967	91	190887	4.856	ug/L	96
44) trans-1,3-Dichloropropene	8.205	75	52219	4.573	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	32753	4.856	ug/L	91
47) Tetrachloroethene	8.549	164	38341	5.447	ug/L	95
48) 2-Hexanone	8.681	43	142314	41.404	ug/L	95
49) Dibromochloromethane	8.806	129	32716	4.905	ug/L	98
50) 1,2-Dibromoethane	8.919	107	31749	4.874	ug/L #	98
51) Chlorobenzene	9.443	112	122216	4.929	ug/L	98
52) Ethylbenzene	9.565	91	200740	4.685	ug/L	97
53) m,p-Xylene	9.690	106	77530	4.747	ug/L	99
54) o-Xylene	10.096	106	75518	4.873	ug/L	97
55) Styrene	10.112	104	122955	4.831	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	37644	4.420	ug/L	100
59) Bromoform	10.289	173	16520	4.377	ug/L	98
60) Isopropylbenzene	10.478	105	199022	4.471	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	24782	4.081	ug/L	96
62) 1,3,5-Trimethylbenzene	11.083	105	157982	4.373	ug/L	96
63) 1,2,4-Trimethylbenzene	11.462	105	161898	4.376	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	94384	4.822	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	95412	4.855	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	87442	4.713	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.989	75	4228	3.591	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.214	180	64898	4.750	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	51551	4.745	ug/L	99
71) Naphthalene	14.083	128	83756	4.092	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	45779	4.828	ug/L	99

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

