

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052256.D
 Acq On : 08 Dec 2022 18:10
 Operator : JC/MD
 Sample : N5930-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ84

Quant Time: Dec 08 22:33:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	1728	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	2048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	2381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	119	0.708	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	14.200%#
7) Chloroethane-d5	1.919	69	49	0.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	7.600%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.661	46	64	2.101	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	4.200%#
24) Chloroform-d	5.086	84	14369	58.181	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	1163.600%#
26) 1,2-Dichloroethane-d4	5.706	65	555	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.722	84	731	1.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	24.000%#
36) 1,2-Dichloropropane-d6	6.693	67	136	0.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	14.400%#
41) Toluene-d8	7.899	98	1634	2.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.400%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.632	63	247	8.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	17.000%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	686	4.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	1820	3.992	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1680	8.589	ug/L	86
5) Vinyl chloride	1.604	62	40	0.213	ug/L #	1
6) Bromomethane	1.713	94	21	0.218	ug/L #	3
8) Chloroethane	1.941	64	196	1.677	ug/L #	45
12) 1,1-Dichloroethene	2.552	96	46	0.367	ug/L #	1
13) Acetone	2.655	43	35370	1709.604	ug/L	95
14) Carbon disulfide	2.797	76	2638	6.079	ug/L #	88
15) Methyl Acetate	3.044	43	318	5.926	ug/L #	48
16) Methylene chloride	3.047	84	116548	687.248	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	91	0.324	ug/L #	67
18) trans-1,2-Dichloroethene	3.147	96	80	0.595	ug/L #	1
19) 1,1-Dichloroethane	3.661	63	57	0.235	ug/L #	50
21) 2-Butanone	4.748	43	866	26.116	ug/L #	48
22) cis-1,2-Dichloroethene	4.668	96	41	0.291	ug/L #	1
23) Bromochloromethane	4.980	128	62	0.919	ug/L #	1
25) Chloroform	5.086	83	352987	1438.401	ug/L	98
27) 1,2-Dichloroethane	5.793	62	1007	6.700	ug/L #	72
30) Cyclohexane	5.391	56	50	0.227	ug/L #	14
33) Benzene	5.777	78	1589	2.384	ug/L	100

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34) Trichloroethene	6.542	95	10406	62.595	ug/L	95
38) Bromodichloromethane	7.102	83	7709	36.640	ug/L #	94
40) 4-Methyl-2-pentanone	7.800	43	520	5.769	ug/L #	40
42) Toluene	7.970	91	11558	16.858	ug/L	96
48) 2-Hexanone	8.687	43	1729	26.163	ug/L #	79
49) Dibromochloromethane	8.812	129	1134	7.808	ug/L	80
51) Chlorobenzene	9.443	112	977	2.235	ug/L #	77
52) Ethylbenzene	9.568	91	1641	2.462	ug/L	95
53) m,p-Xylene	9.690	106	2518	9.756	ug/L	91
54) o-Xylene	10.102	106	583	2.357	ug/L	82
60) Isopropylbenzene	10.095	105	192	0.128	ug/L #	49
61) 1,2,3-Trichloropropane	11.812	75	184	0.675	ug/L #	41
64) 1,3-Dichlorobenzene	11.825	146	256	0.335	ug/L #	71
65) 1,4-Dichlorobenzene	11.825	146	256	0.336	ug/L #	72
67) 1,2-Dichlorobenzene	12.211	146	1538	2.091	ug/L	88
71) Naphthalene	14.095	128	230	0.297	ug/L #	1

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

