

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049275.D
 Acq On : 18 Jun 2022 03:41
 Operator : SY/MD
 Sample : N3285-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MS

Quant Time: Jun 18 06:53:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	122743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	114458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39476	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.912	69	30621	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.568	65	15031	3.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.636	46	163905	57.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.480%
24) Chloroform-d	5.063	84	77458	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.703	65	42396	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.729	84	140083	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.690	67	50198	4.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.899	98	119120	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.179	79	18355	3.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.632	63	119652	57.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46575	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	49387	4.393	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49364	4.711	ug/L	100
3) Chloromethane	1.520	50	59376	5.162	ug/L	99
5) Vinyl chloride	1.604	62	55108	5.340	ug/L	# 1
6) Bromomethane	1.858	94	14197	2.500	ug/L	97
8) Chloroethane	1.935	64	29790	4.987	ug/L	88
9) Trichlorofluoromethane	2.138	101	64941	5.423	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	35323	4.982	ug/L	99
12) 1,1-Dichloroethene	2.581	96	34430	4.989	ug/L	90
13) Acetone	2.652	43	94461	66.648	ug/L	98
14) Carbon disulfide	2.793	76	114564	5.025	ug/L	100
15) Methyl Acetate	2.957	43	19133	5.048	ug/L	100
16) Methylene chloride	3.044	84	42143	4.641	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	108344	5.190	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	38513	5.037	ug/L	93
19) 1,1-Dichloroethane	3.871	63	81017	5.373	ug/L	98
21) 2-Butanone	4.716	43	164966	61.041	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	44979	5.259	ug/L	95
23) Bromochloromethane	4.977	128	19880	5.430	ug/L	99
25) Chloroform	5.089	83	79143	5.229	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	53607	5.378	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	66996	4.898	ug/L	99
30) Cyclohexane	5.388	56	68117	4.381	ug/L	98
31) Carbon tetrachloride	5.526	117	56575	4.940	ug/L	96
33) Benzene	5.774	78	177749	5.219	ug/L	100
34) Trichloroethene	6.543	95	43696	5.019	ug/L	98
35) Methylcyclohexane	6.764	83	62610	4.288	ug/L	99
37) 1,2-Dichloropropane	6.790	63	48007	5.130	ug/L	99
38) Bromodichloromethane	7.105	83	58642	5.127	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	62510	4.394	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	381534	54.876	ug/L	99
42) Toluene	7.970	91	181437	5.024	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	53283	4.313	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	34272	5.253	ug/L	97
47) Tetrachloroethene	8.552	164	30275	5.043	ug/L	97
48) 2-Hexanone	8.684	43	278558	56.132	ug/L	99
49) Dibromochloromethane	8.809	129	39115	5.255	ug/L	99
50) 1,2-Dibromoethane	8.925	107	32375	5.353	ug/L #	98
51) Chlorobenzene	9.446	112	112918	5.135	ug/L	99
52) Ethylbenzene	9.571	91	194341	4.927	ug/L	99
53) m,p-Xylene	9.694	106	73019	4.981	ug/L	99
54) o-Xylene	10.099	106	72331	4.977	ug/L	98
55) Styrene	10.115	104	117603	4.831	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	47617	5.515	ug/L	99
59) Bromoform	10.292	173	21232	4.825	ug/L	95
60) Isopropylbenzene	10.484	105	186004	4.661	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33576	5.108	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	159877	4.540	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160619	4.603	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	86190	5.047	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	83917	4.972	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	82973	5.106	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8080	4.511	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.221	180	62698	4.896	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	54602	5.364	ug/L	97
71) Naphthalene	14.086	128	110680	5.471	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52315	5.465	ug/L	99

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

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