

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049276.D
 Acq On : 18 Jun 2022 04:05
 Operator : SY/MD
 Sample : N3285-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MSD

Quant Time: Jun 18 06:51:59 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	123836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37991	3.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.912	69	28757	3.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.565	65	14169	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.636	46	152803	52.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.063	84	72348	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.703	65	41022	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.729	84	132474	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.690	67	48013	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.896	98	111774	3.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.179	79	16523	3.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.632	63	111129	53.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	43760	4.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	46706	4.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50407	4.768	ug/L	100
3) Chloromethane	1.520	50	56196	4.842	ug/L	98
5) Vinyl chloride	1.604	62	54501	5.235	ug/L	# 14
6) Bromomethane	1.858	94	14846	2.592	ug/L	100
8) Chloroethane	1.935	64	29658	4.922	ug/L	93
9) Trichlorofluoromethane	2.138	101	64898	5.372	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	36588	5.115	ug/L	99
12) 1,1-Dichloroethene	2.578	96	35119	5.044	ug/L	96
13) Acetone	2.652	43	91604	64.062	ug/L	99
14) Carbon disulfide	2.793	76	114853	4.994	ug/L	100
15) Methyl Acetate	2.957	43	18596	4.863	ug/L	99
16) Methylene chloride	3.044	84	41511	4.531	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	105310	5.000	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	38305	4.965	ug/L	96
19) 1,1-Dichloroethane	3.871	63	78768	5.178	ug/L	96
21) 2-Butanone	4.716	43	159449	58.479	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	44039	5.104	ug/L	98
23) Bromochloromethane	4.977	128	19611	5.309	ug/L	99
25) Chloroform	5.089	83	78518	5.142	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	52084	5.179	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	66464	4.923	ug/L	97
30) Cyclohexane	5.388	56	72117	4.699	ug/L	99
31) Carbon tetrachloride	5.526	117	56625	5.009	ug/L	97
33) Benzene	5.774	78	175518	5.221	ug/L	100
34) Trichloroethene	6.542	95	44292	5.154	ug/L	99
35) Methylcyclohexane	6.764	83	66268	4.598	ug/L	99
37) 1,2-Dichloropropane	6.790	63	48962	5.300	ug/L	99
38) Bromodichloromethane	7.105	83	56882	5.038	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	62496	4.451	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	372104	54.220	ug/L	99
42) Toluene	7.970	91	184749	5.182	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	53382	4.377	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	33674	5.229	ug/L	95
47) Tetrachloroethene	8.552	164	31180	5.262	ug/L	98
48) 2-Hexanone	8.684	43	274136	55.964	ug/L	99
49) Dibromochloromethane	8.809	129	38362	5.222	ug/L	95
50) 1,2-Dibromoethane	8.925	107	32702	5.478	ug/L	98
51) Chlorobenzene	9.446	112	111113	5.119	ug/L	97
52) Ethylbenzene	9.571	91	195341	5.017	ug/L	99
53) m,p-Xylene	9.693	106	72034	4.978	ug/L	98
54) o-Xylene	10.099	106	71382	4.976	ug/L	99
55) Styrene	10.115	104	118700	4.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	46854	5.498	ug/L	98
59) Bromoform	10.292	173	22005	4.977	ug/L	99
60) Isopropylbenzene	10.484	105	190609	4.754	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33124	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	163029	4.607	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	164493	4.692	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	87624	5.106	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	86711	5.113	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	83913	5.140	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	8184	4.547	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	65808	5.114	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	58046	5.675	ug/L	99
71) Naphthalene	14.086	128	117558	5.783	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	56221	5.845	ug/L	98

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

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