

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052314.D
 Acq On : 09 Dec 2022 20:10
 Operator : JC/MD
 Sample : N5949-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA2MSD

Quant Time: Dec 09 23:14:06 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	252132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102346	4.173	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.916	69	89653	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.568	65	40528	4.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.636	46	275435	61.959	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.920%
24) Chloroform-d	5.060	84	186766	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.700	65	93874	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.726	84	385749	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.687	67	120772	5.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.896	98	352908	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.176	79	41661	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.632	63	213203	58.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	113239	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	127900	4.842	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95671	4.375	ug/L	99
3) Chloromethane	1.520	50	124877	4.376	ug/L	99
5) Vinyl chloride	1.607	62	124318	4.534	ug/L	99
6) Bromomethane	1.861	94	56613	4.024	ug/L	97
8) Chloroethane	1.938	64	78777	4.620	ug/L	97
9) Trichlorofluoromethane	2.141	101	138998	4.608	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	86369	4.683	ug/L	99
12) 1,1-Dichloroethene	2.581	96	85275	4.662	ug/L	95
13) Acetone	2.652	43	171962	56.965	ug/L	99
14) Carbon disulfide	2.797	76	284352	4.491	ug/L	99
15) Methyl Acetate	2.957	43	38590	4.928	ug/L	97
16) Methylene chloride	3.047	84	109438	4.423	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	201836	4.929	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	92908	4.739	ug/L	97
19) 1,1-Dichloroethane	3.867	63	183763	5.200	ug/L	99
21) 2-Butanone	4.713	43	286100	59.132	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	104566	5.082	ug/L	95
23) Bromochloromethane	4.977	128	51123	5.193	ug/L	98
25) Chloroform	5.086	83	181095	5.058	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	114067	5.201	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	136730	4.788	ug/L	100
30) Cyclohexane	5.388	56	126342	4.557	ug/L	99
31) Carbon tetrachloride	5.523	117	112671	4.643	ug/L	100
33) Benzene	5.771	78	414406	4.947	ug/L	100
34) Trichloroethene	6.539	95	96442	4.616	ug/L	96
35) Methylcyclohexane	6.761	83	134612	4.479	ug/L	99
37) 1,2-Dichloropropane	6.787	63	109257	5.038	ug/L	100
38) Bromodichloromethane	7.102	83	130980	4.953	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	130756	4.696	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	659844	58.244	ug/L	99
42) Toluene	7.967	91	436476	5.066	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	117986	4.948	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	84742	5.199	ug/L	98
47) Tetrachloroethene	8.549	164	73613	4.597	ug/L	94
48) 2-Hexanone	8.681	43	495019	59.602	ug/L	98
49) Dibromochloromethane	8.806	129	93274	5.110	ug/L	98
50) 1,2-Dibromoethane	8.922	107	77256	5.204	ug/L #	98
51) Chlorobenzene	9.443	112	269540	4.907	ug/L	99
52) Ethylbenzene	9.568	91	410799	4.904	ug/L	98
53) m,p-Xylene	9.690	106	162261	5.002	ug/L	99
54) o-Xylene	10.099	106	158164	5.088	ug/L	94
55) Styrene	10.111	104	277931	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	112459	5.525	ug/L	97
59) Bromoform	10.285	173	53923	4.745	ug/L	95
60) Isopropylbenzene	10.481	105	398012	4.593	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	75580	4.787	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	302030	4.360	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	307114	4.466	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	206725	4.672	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	207945	4.712	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	199425	4.680	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	16196	4.687	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	143973	4.588	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	116905	4.893	ug/L	99
71) Naphthalene	14.082	128	214564	4.783	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	118898	5.058	ug/L	100

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

