

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052313.D
 Acq On : 09 Dec 2022 19:47
 Operator : JC/MD
 Sample : N5949-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA2MS

Quant Time: Dec 09 23:13:49 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	239889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	244498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	128802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100744	4.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.916	69	86669	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.568	65	39374	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.639	46	267403	63.222	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.440%
24) Chloroform-d	5.060	84	184679	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.700	65	94968	5.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.726	84	379690	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.687	67	119899	5.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.896	98	351541	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
43) trans-1,3-Dichloroprop...	8.176	79	41221	5.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.632	63	209323	60.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	112751	5.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	124920	5.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	96882	4.657	ug/L	99
3) Chloromethane	1.520	50	126199	4.648	ug/L	99
5) Vinyl chloride	1.607	62	125884	4.825	ug/L	97
6) Bromomethane	1.861	94	52949	3.955	ug/L	99
8) Chloroethane	1.938	64	78893	4.863	ug/L	96
9) Trichlorofluoromethane	2.141	101	141536	4.932	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	86484	4.929	ug/L	99
12) 1,1-Dichloroethene	2.581	96	86800	4.988	ug/L	95
13) Acetone	2.652	43	171455	59.696	ug/L	100
14) Carbon disulfide	2.797	76	285499	4.739	ug/L	98
15) Methyl Acetate	2.961	43	38199	5.128	ug/L	97
16) Methylene chloride	3.047	84	107602	4.570	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	196152	5.035	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	93072	4.989	ug/L	97
19) 1,1-Dichloroethane	3.867	63	182630	5.432	ug/L	98
21) 2-Butanone	4.716	43	280433	60.918	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	104221	5.323	ug/L	96
23) Bromochloromethane	4.973	128	51224	5.469	ug/L	97
25) Chloroform	5.086	83	180787	5.307	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	115073	5.515	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	139121	5.129	ug/L	100
30) Cyclohexane	5.388	56	126047	4.786	ug/L	98
31) Carbon tetrachloride	5.523	117	114394	4.963	ug/L	99
33) Benzene	5.771	78	417956	5.253	ug/L	100
34) Trichloroethene	6.539	95	95296	4.802	ug/L	96
35) Methylcyclohexane	6.761	83	132767	4.650	ug/L	98
37) 1,2-Dichloropropane	6.787	63	110186	5.348	ug/L	98
38) Bromodichloromethane	7.102	83	130313	5.188	ug/L	94
39) cis-1,3-Dichloropropene	7.604	75	129377	4.891	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	644120	59.853	ug/L	99
42) Toluene	7.967	91	436164	5.329	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	116135	5.127	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	85041	5.493	ug/L	99
47) Tetrachloroethene	8.549	164	74151	4.875	ug/L	99
48) 2-Hexanone	8.681	43	496534	62.936	ug/L	99
49) Dibromochloromethane	8.806	129	94547	5.453	ug/L	99
50) 1,2-Dibromoethane	8.922	107	77286	5.480	ug/L	97
51) Chlorobenzene	9.443	112	266933	5.115	ug/L	100
52) Ethylbenzene	9.568	91	399070	5.015	ug/L	99
53) m,p-Xylene	9.690	106	161680	5.247	ug/L	99
54) o-Xylene	10.099	106	156497	5.299	ug/L	98
55) Styrene	10.111	104	274746	5.508	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	110933	5.737	ug/L	99
59) Bromoform	10.285	173	54676	5.154	ug/L	96
60) Isopropylbenzene	10.481	105	387898	4.795	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	76142	5.165	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	292770	4.527	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	301877	4.702	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	201466	4.877	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	200402	4.864	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	196885	4.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15648	4.851	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	135441	4.624	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	104644	4.691	ug/L	99
71) Naphthalene	14.082	128	186379	4.450	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	105364	4.801	ug/L	99

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

