

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052525.D
 Acq On : 23 Dec 2022 09:58
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005116

Quant Time: Dec 24 03:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229591	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	213015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89195	3.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.916	69	81667	4.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	38689	3.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.649	46	383426	53.158	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.320%
24) Chloroform-d	5.060	84	173135	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.700	65	101625	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.726	84	354393	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.687	67	120095	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.896	98	311408	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.179	79	45716	5.311	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.633	63	283933	60.285	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.580%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	110082	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	110262	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	93701	4.587	ug/L	100
3) Chloromethane	1.520	50	130571	4.428	ug/L	98
5) Vinyl chloride	1.604	62	122799	4.594	ug/L	94
6) Bromomethane	1.858	94	62449	4.098	ug/L	96
8) Chloroethane	1.935	64	75076	4.101	ug/L	97
9) Trichlorofluoromethane	2.141	101	139112	4.603	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	84773	4.719	ug/L	98
12) 1,1-Dichloroethene	2.581	96	79507	4.624	ug/L	92
13) Acetone	2.675	43	253955	47.760	ug/L	99
14) Carbon disulfide	2.793	76	248960	4.494	ug/L	98
15) Methyl Acetate	2.964	43	56715	4.842	ug/L	97
16) Methylene chloride	3.044	84	102949	4.238	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	235050	5.121	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	84656	4.777	ug/L	99
19) 1,1-Dichloroethane	3.867	63	176959	4.592	ug/L	99
21) 2-Butanone	4.729	43	413325	52.779	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	93192	4.792	ug/L	98
23) Bromochloromethane	4.973	128	42356	4.700	ug/L	99
25) Chloroform	5.086	83	167167	4.477	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	118517	4.594	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	132435	4.940	ug/L	98
30) Cyclohexane	5.385	56	160319	5.534	ug/L	100
31) Carbon tetrachloride	5.523	117	111063	4.714	ug/L	100
33) Benzene	5.771	78	383660	5.000	ug/L	100
34) Trichloroethene	6.539	95	90190	5.028	ug/L	96
35) Methylcyclohexane	6.761	83	153499	5.675	ug/L	95
37) 1,2-Dichloropropane	6.787	63	107837	5.037	ug/L	100
38) Bromodichloromethane	7.102	83	122368	4.696	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	143346	5.286	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	888108	56.764	ug/L	98
42) Toluene	7.967	91	385054	5.234	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	125216	5.240	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	76476	5.043	ug/L	98
47) Tetrachloroethene	8.552	164	63985	5.110	ug/L	99
48) 2-Hexanone	8.684	43	671783	56.963	ug/L	98
49) Dibromochloromethane	8.806	129	81683	5.087	ug/L	100
50) 1,2-Dibromoethane	8.922	107	71167	5.163	ug/L	96
51) Chlorobenzene	9.443	112	238580	5.079	ug/L	97
52) Ethylbenzene	9.568	91	401143	5.269	ug/L	100
53) m,p-Xylene	9.690	106	154740	5.512	ug/L	95
54) o-Xylene	10.099	106	150509	5.593	ug/L	100
55) Styrene	10.112	104	257614	5.503	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	106748	5.092	ug/L	99
59) Bromoform	10.288	173	47129	4.843	ug/L	100
60) Isopropylbenzene	10.481	105	391158	5.449	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	76530	4.818	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	322550	5.448	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	330314	5.542	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	180440	5.066	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	183123	4.972	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	174129	4.948	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	16993	4.726	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	131827	5.027	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	113510	5.144	ug/L	98
71) Naphthalene	14.082	128	241215	5.402	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	112951	5.107	ug/L	98

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

