

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012524\
 Data File : VU057677.D
 Acq On : 25 Jan 2024 20:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: Jan 25 21:46:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	67616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	62713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13568	3.642	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.911	69	12090	3.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.563	65	6548	3.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.634	46	33312	47.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	5.055	84	33448	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	15331	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	61134	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.685	67	18702	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	57063	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	7301	4.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.631	63	26469	46.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13358	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	18615	4.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	24053	4.198	ug/L	98
3) Chloromethane	1.518	50	23724	4.139	ug/L	99
5) Vinyl chloride	1.602	62	25216	4.133	ug/L	97
6) Bromomethane	1.856	94	12111	3.807	ug/L	98
8) Chloroethane	1.933	64	15114	4.136	ug/L	95
9) Trichlorofluoromethane	2.136	101	39664	4.364	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21850	4.136	ug/L	99
12) 1,1-Dichloroethene	2.576	96	19717	4.012	ug/L	97
13) Acetone	2.650	43	24822	37.168	ug/L	94
14) Carbon disulfide	2.788	76	63136	3.963	ug/L	99
15) Methyl Acetate	2.952	43	7531	4.383	ug/L	92
16) Methylene chloride	3.039	84	21385	4.054	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	48151	4.121	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	21163	4.089	ug/L	97
19) 1,1-Dichloroethane	3.862	63	40285	4.215	ug/L	98
21) 2-Butanone	4.714	43	42105	40.195	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	23785	4.275	ug/L	99
23) Bromochloromethane	4.968	128	9389	4.200	ug/L	94
25) Chloroform	5.081	83	41765	4.118	ug/L	99

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27) 1,2-Dichloroethane	5.788	62	25741	4.357	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	38037	4.132	ug/L	100
30) Cyclohexane	5.383	56	36614	4.123	ug/L	98
31) Carbon tetrachloride	5.518	117	33566	4.133	ug/L	99
33) Benzene	5.769	78	90528	4.209	ug/L	100
34) Trichloroethene	6.537	95	24148	4.072	ug/L	99
35) Methylcyclohexane	6.759	83	38508	4.020	ug/L	99
37) 1,2-Dichloropropane	6.785	63	22892	4.254	ug/L	99
38) Bromodichloromethane	7.100	83	29842	4.121	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	33618	4.020	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	106777	41.582	ug/L	100
42) Toluene	7.965	91	95975	4.138	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	26286	3.868	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	14494	4.141	ug/L	97
47) Tetrachloroethene	8.550	164	17849	4.096	ug/L	98
48) 2-Hexanone	8.682	43	73301	40.681	ug/L	96
49) Dibromochloromethane	8.804	129	17883	3.945	ug/L	99
50) 1,2-Dibromoethane	8.920	107	14007	4.123	ug/L	96
51) Chlorobenzene	9.444	112	59874	4.116	ug/L	99
52) Ethylbenzene	9.566	91	107797	4.125	ug/L	99
53) m,p-Xylene	9.692	106	38900	4.034	ug/L	98
54) o-Xylene	10.097	106	38902	4.139	ug/L	99
55) Styrene	10.113	104	59509	4.138	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	17797	4.191	ug/L	97
59) Bromoform	10.287	173	10086	4.300	ug/L	99
60) Isopropylbenzene	10.479	105	95465	4.219	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12386	4.274	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	85559	4.243	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	86867	4.305	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	43100	4.173	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	41908	4.239	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	39254	4.259	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	2587	4.742	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	31779	4.192	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	23359	4.206	ug/L	98
71) Naphthalene	14.084	128	33554	4.268	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18683	4.322	ug/L	99

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

