

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112724\
 Data File : VU062048.D
 Acq On : 27 Nov 2024 09:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: Nov 28 01:41:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	117889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27516	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	22031	4.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	12736	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	4.628	46	65183	33.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.040%
24) Chloroform-d	5.052	84	66389	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	32018	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.718	84	117102	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.682	67	36589	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	110305	5.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
43) trans-1,3-Dichloroprop...	8.174	79	15012	5.196	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.627	63	45105	34.202	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28628	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	38452	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	60073	5.438	ug/L	98
3) Chloromethane	1.518	50	49546	4.352	ug/L	100
5) Vinyl chloride	1.602	62	51905	4.437	ug/L	99
6) Bromomethane	1.856	94	31407	4.510	ug/L	97
8) Chloroethane	1.930	64	28544	3.784	ug/L	99
9) Trichlorofluoromethane	2.133	101	82648	5.585	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46810	5.141	ug/L	93
12) 1,1-Dichloroethene	2.573	96	41576	4.910	ug/L	93
13) Acetone	2.647	43	62234	46.349	ug/L	94
14) Carbon disulfide	2.788	76	124999	4.641	ug/L	100
15) Methyl Acetate	2.952	43	14977	4.344	ug/L	92
16) Methylene chloride	3.039	84	45323	4.458	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	103629	4.775	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	42757	4.777	ug/L	94
19) 1,1-Dichloroethane	3.859	63	84145	4.826	ug/L	99
21) 2-Butanone	4.708	43	96642	44.533	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	48710	4.836	ug/L	97
23) Bromochloromethane	4.965	128	21478	4.905	ug/L	89
25) Chloroform	5.078	83	90636	4.973	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54939	4.686	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	82475	6.070	ug/L	96
30) Cyclohexane	5.380	56	74602	5.249	ug/L	100
31) Carbon tetrachloride	5.515	117	72780	6.308	ug/L	99
33) Benzene	5.766	78	184980	5.196	ug/L	100
34) Trichloroethene	6.534	95	52463	5.521	ug/L	99
35) Methylcyclohexane	6.756	83	79090	5.441	ug/L	98
37) 1,2-Dichloropropane	6.782	63	48140	5.205	ug/L	99
38) Bromodichloromethane	7.097	83	63658	5.675	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	72451	5.586	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	235836	47.255	ug/L	95
42) Toluene	7.962	91	203186	5.438	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	59354	5.763	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	34798	5.107	ug/L	99
47) Tetrachloroethene	8.547	164	38771	5.610	ug/L	96
48) 2-Hexanone	8.679	43	166231	44.476	ug/L	98
49) Dibromochloromethane	8.801	129	41454	5.759	ug/L	98
50) 1,2-Dibromoethane	8.917	107	33137	4.900	ug/L #	94
51) Chlorobenzene	9.441	112	124708	4.874	ug/L	99
52) Ethylbenzene	9.563	91	225914	5.053	ug/L	99
53) m,p-Xylene	9.685	106	83547	5.296	ug/L	94
54) o-Xylene	10.094	106	81633	5.126	ug/L	97
55) Styrene	10.106	104	134962	5.144	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	41162	4.714	ug/L #	96
59) Bromoform	10.283	173	23872	5.421	ug/L	99
60) Isopropylbenzene	10.476	105	224036	4.850	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29410	4.294	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	189096	5.132	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	185626	5.053	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	99537	4.854	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	97659	4.921	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	90944	5.100	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5986	5.122	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	70479	5.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	51089	5.464	ug/L	97
71) Naphthalene	14.081	128	66646	4.422	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	41691	5.177	ug/L	98

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

