

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061707.D
 Acq On : 15 Nov 2024 08:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Nov 15 22:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	186631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52449	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.911	69	45576	4.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	23504	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.631	46	136508	50.565	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.140%
24) Chloroform-d	5.052	84	118636	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	57658	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	235266	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.679	67	69174	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	218270	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	25067	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	114465	51.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58399	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	76612	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	71356	4.877	ug/L	99
3) Chloromethane	1.518	50	60990	4.595	ug/L	98
5) Vinyl chloride	1.602	62	71427	4.876	ug/L	96
6) Bromomethane	1.856	94	35381	4.048	ug/L	100
8) Chloroethane	1.930	64	48127	4.737	ug/L	96
9) Trichlorofluoromethane	2.132	101	105161	4.884	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	62487	4.909	ug/L	96
12) 1,1-Dichloroethene	2.576	96	58034	4.884	ug/L	89
13) Acetone	2.650	43	82456	48.480	ug/L	98
14) Carbon disulfide	2.788	76	174539	4.573	ug/L	99
15) Methyl Acetate	2.956	43	19246	4.529	ug/L	98
16) Methylene chloride	3.039	84	65883	4.811	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	143945	4.942	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	63456	4.868	ug/L	97
19) 1,1-Dichloroethane	3.859	63	116458	4.900	ug/L	98
21) 2-Butanone	4.711	43	132962	47.866	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	71954	4.895	ug/L	99
23) Bromochloromethane	4.965	128	32010	4.903	ug/L	98
25) Chloroform	5.078	83	125537	5.012	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	77012	4.900	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102881	4.844	ug/L	99
30) Cyclohexane	5.380	56	101044	4.763	ug/L	97
31) Carbon tetrachloride	5.515	117	88160	4.874	ug/L	100
33) Benzene	5.766	78	276929	4.903	ug/L	100
34) Trichloroethene	6.534	95	74232	4.867	ug/L	94
35) Methylcyclohexane	6.756	83	114217	4.966	ug/L	99
37) 1,2-Dichloropropane	6.782	63	71129	4.964	ug/L	99
38) Bromodichloromethane	7.097	83	81798	4.757	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	99101	4.859	ug/L	95
40) 4-Methyl-2-pentanone	7.782	43	344931	50.203	ug/L	100
42) Toluene	7.962	91	304721	5.011	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	77294	4.778	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	53183	5.091	ug/L	96
47) Tetrachloroethene	8.547	164	57938	5.055	ug/L	95
48) 2-Hexanone	8.679	43	248978	50.680	ug/L	99
49) Dibromochloromethane	8.801	129	54016	4.931	ug/L	95
50) 1,2-Dibromoethane	8.917	107	50584	5.134	ug/L	99
51) Chlorobenzene	9.438	112	192530	4.918	ug/L	99
52) Ethylbenzene	9.563	91	326381	5.038	ug/L	100
53) m,p-Xylene	9.685	106	127806	5.156	ug/L	98
54) o-Xylene	10.094	106	120849	5.016	ug/L	98
55) Styrene	10.106	104	194454	5.069	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64317	5.059	ug/L	95
59) Bromoform	10.283	173	28235	4.643	ug/L	99
60) Isopropylbenzene	10.476	105	323187	5.073	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42976	4.966	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	255457	5.008	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	253255	5.100	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	146583	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	143383	4.833	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	134330	4.944	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7540	4.990	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	101562	4.979	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	77770	4.919	ug/L	98
71) Naphthalene	14.081	128	102396	4.511	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64094	4.829	ug/L	98

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

