

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061801.D
 Acq On : 17 Nov 2024 22:05
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Nov 18 00:10:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164259	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76746	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60224	5.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 113.400%	
7) Chloroethane-d5	1.908	69	63256	6.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 139.600%#	
11) 1,1-Dichloroethene-d2	2.560	65	26492	5.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 111.200%	
20) 2-Butanone-d5	4.618	46	137361	60.978	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 121.960%	
24) Chloroform-d	5.052	84	126351	5.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.800%	
26) 1,2-Dichloroethane-d4	5.692	65	62003	6.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 122.400%	
32) Benzene-d6	5.718	84	256809	5.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 118.800%	
36) 1,2-Dichloropropane-d6	6.679	67	76780	6.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 120.400%	
41) Toluene-d8	7.888	98	241001	5.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 119.600%	
43) trans-1,3-Dichloroprop...	8.174	79	27202	5.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 115.800%	
46) 2-Hexanone-d5	8.624	63	120557	64.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 129.880%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	64142	6.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 127.600%#	
66) 1,2-Dichlorobenzene-d4	12.184	152	82960	6.069	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 121.400%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	45231	3.705	ug/L	97
3) Chloromethane	1.518	50	43898	3.964	ug/L	97
5) Vinyl chloride	1.599	62	51161	4.186	ug/L #	76
6) Bromomethane	1.853	94	31692	4.346	ug/L	99
8) Chloroethane	1.927	64	45070	5.316	ug/L	97
9) Trichlorofluoromethane	2.133	101	79396	4.419	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49314	4.643	ug/L	97
12) 1,1-Dichloroethene	2.573	96	44877	4.526	ug/L	93
13) Acetone	2.631	43	70330	49.556	ug/L	99
14) Carbon disulfide	2.785	76	109173	3.428	ug/L	99
15) Methyl Acetate	2.952	43	16908	4.768	ug/L	97
16) Methylene chloride	3.036	84	56635	4.956	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	125298	5.156	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	49295	4.532	ug/L	97
19) 1,1-Dichloroethane	3.859	63	102646	5.176	ug/L	98
21) 2-Butanone	4.698	43	119685	51.636	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	62841	5.123	ug/L	99
23) Bromochloromethane	4.965	128	28101	5.158	ug/L	95
25) Chloroform	5.078	83	112131	5.365	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68190	5.199	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	90091	5.065	ug/L	100
30) Cyclohexane	5.377	56	77464	4.360	ug/L	99
31) Carbon tetrachloride	5.515	117	74805	4.937	ug/L	100
33) Benzene	5.763	78	238350	5.038	ug/L	100
34) Trichloroethene	6.534	95	62664	4.905	ug/L	96
35) Methylcyclohexane	6.753	83	83131	4.315	ug/L	98
37) 1,2-Dichloropropane	6.782	63	62832	5.235	ug/L	99
38) Bromodichloromethane	7.097	83	75468	5.240	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	86691	5.075	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	321128	55.802	ug/L	99
42) Toluene	7.959	91	255211	5.010	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	68893	5.085	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	47155	5.389	ug/L	98
47) Tetrachloroethene	8.544	164	46378	4.832	ug/L	96
48) 2-Hexanone	8.676	43	236140	57.389	ug/L	99
49) Dibromochloromethane	8.798	129	49456	5.391	ug/L	96
50) 1,2-Dibromoethane	8.917	107	44320	5.370	ug/L #	95
51) Chlorobenzene	9.438	112	166784	5.087	ug/L	98
52) Ethylbenzene	9.560	91	275103	5.070	ug/L	99
53) m,p-Xylene	9.685	106	102599	4.942	ug/L	96
54) o-Xylene	10.090	106	104934	5.200	ug/L	99
55) Styrene	10.107	104	170568	5.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	59841	5.620	ug/L	96
59) Bromoform	10.280	173	26382	5.194	ug/L	99
60) Isopropylbenzene	10.476	105	276799	5.201	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	40857	5.651	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	212611	4.989	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	214618	5.174	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	127263	5.214	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	125233	5.053	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	122128	5.380	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	7195	5.699	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	87557	5.138	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	71196	5.390	ug/L	98
71) Naphthalene	14.081	128	113284	5.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	62397	5.628	ug/L	99

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

