Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
Data File : VU061038.D
Acq On : 01 Oct 2024 12:15
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 02 02:14:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 02 02:09:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68373	5.049	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.000%			
7) Chloroethane-d5	1.911	69	50367	4.969	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.563	65	29934	5.011	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.200%			
20) 2-Butanone-d5	4.628	46	165322	50.965	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.920%			
24) Chloroform-d	5.055	84	121022	5.071	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	63037	4.983	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	5.721	84	241130	5.204	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.000%			
36) 1,2-Dichloropropane-d6	6.682	67	76663	5.038	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.800%			
41) Toluene-d8	7.891	98	221324	5.110	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
43) trans-1,3-Dichloroprop...	8.174	79	33433	5.139	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.800%			
46) 2-Hexanone-d5	8.624	63	138650	51.486	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.980%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56893	5.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	69458	5.229	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	48174	5.218	ug/L	98
3) Chloromethane	1.518	50	67119	5.034	ug/L	97
5) Vinyl chloride	1.602	62	70459	5.264	ug/L	97
6) Bromomethane	1.856	94	36854	5.162	ug/L	97
8) Chloroethane	1.930	64	42060	5.181	ug/L	99
9) Trichlorofluoromethane	2.136	101	91668	5.330	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59971	5.279	ug/L	95
12) 1,1-Dichloroethene	2.576	96	57815	5.286	ug/L	95
13) Acetone	2.647	43	108199	51.864	ug/L	95
14) Carbon disulfide	2.788	76	194104	5.222	ug/L	99
15) Methyl Acetate	2.956	43	25502	5.021	ug/L	98
16) Methylene chloride	3.039	84	66327	5.282	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	162435	5.190	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	61734	5.149	ug/L	90
19) 1,1-Dichloroethane	3.862	63	122874	5.266	ug/L	100
21) 2-Butanone	4.708	43	183682	53.483	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	69857	5.231	ug/L	93
23) Bromochloromethane	4.968	128	28894	5.376	ug/L #	90
25) Chloroform	5.081	83	121152	5.184	ug/L	99
27) 1,2-Dichloroethane	5.785	62	79739	5.180	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 1,1,1-Trichloroethane	5.309	97	105151	5.171	ug/L		96
30) Cyclohexane	5.380	56	118654	5.238	ug/L		93
31) Carbon tetrachloride	5.518	117	91618	5.309	ug/L		98
33) Benzene	5.766	78	272747	5.265	ug/L		100
34) Trichloroethene	6.534	95	72610	5.171	ug/L		93
35) Methylcyclohexane	6.756	83	120472	5.312	ug/L		97
37) 1,2-Dichloropropane	6.782	63	72496	5.311	ug/L	#	97
38) Bromodichloromethane	7.097	83	90146	5.282	ug/L		100
39) cis-1,3-Dichloropropene	7.602	75	112885	5.274	ug/L		96
40) 4-Methyl-2-pentanone	7.782	43	466049	53.299	ug/L		94
42) Toluene	7.962	91	288623	5.230	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	94275	5.326	ug/L		98
45) 1,1,2-Trichloroethane	8.393	97	46827	5.176	ug/L		99
47) Tetrachloroethene	8.547	164	48430	5.299	ug/L		95
48) 2-Hexanone	8.676	43	335804	55.393	ug/L		94
49) Dibromochloromethane	8.801	129	56034	5.323	ug/L		98
50) 1,2-Dibromoethane	8.917	107	45132	5.270	ug/L	#	98
51) Chlorobenzene	9.441	112	177553	5.282	ug/L		94
52) Ethylbenzene	9.563	91	329322	5.266	ug/L		98
53) m,p-Xylene	9.688	106	121621	5.331	ug/L		90
54) o-Xylene	10.094	106	119943	5.344	ug/L		93
55) Styrene	10.106	104	193621	5.345	ug/L		88
57) 1,1,2,2-Tetrachloroethane	10.772	83	61294	5.391	ug/L		96
59) Bromoform	10.283	173	30510	5.351	ug/L		98
60) Isopropylbenzene	10.476	105	298325	5.370	ug/L		97
61) 1,2,3-Trichloropropane	10.814	75	42986	5.268	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	265417	5.421	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	266542	5.394	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	129877	5.454	ug/L		94
65) 1,4-Dichlorobenzene	11.830	146	128571	5.462	ug/L		95
67) 1,2-Dichlorobenzene	12.206	146	118685	5.393	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.987	75	9955	5.594	ug/L	#	73
69) 1,3,5-Trichlorobenzene	13.212	180	93465	5.574	ug/L	#	96
70) 1,2,4-trichlorobenzene	13.833	180	75242	5.856	ug/L		96
71) Naphthalene	14.081	128	126790	6.041	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	62186	5.816	ug/L		98

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

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